NEW RECREATIONS OR

A Rare and Exquisite Invention, for the exercising of acute Wits, and industrious dispositions.

Replenished with Mysteries, Secrets, and Rarities, both Arithmeticall and Mathematicall.

Whereby any one of mean capacitie, may readily and infallibly finde out the Christian Names of Men and Women, their Titles of Honour, Ages, Offices, Trades or Callings of life, Places of Birth, Houses of Residence appertaining to Scholars, either in the Universities of *Oxford* or *Cambridge*, or the Inns of Court and *Chauncerie*.

With many other things both pleasant and profitable, newly added.

By NICH. HUNT, Mr of Arts

LONDON,
Printed by *J. M.* for *Luke Fawn*, at the *Parrot* in *Pauls* Church-yard. 1651.

Thomas Isted of the
Middle Temple Esquire

TO THE
Courteous Peruſer
Of Our
New Recreations.

THere being not more men then minds, humours, and delights; every one having his judgment agreeable to his fancy; it is not to be wondred, that ſome ſhould be legentes, & negligentes, *Readers and ſlighters of theſe Recreations; ſome commending one thing, ome another:*

Eſt operæ precium tota tellure peritos
Offendiſſe duos, quorum mens conſona
Atque affirmet idem. Claudet.

t is a Work worthy the labour, to find ut two men within this vaſt and ſpacious Globe of the Earth, which may hink and ſpeak the ſame things. Nor-

hſtanding the Author conſiderin
with himſelf how the World havin
ſurfeited (uſque ad nauſeam) *even o*
the abundance of Angels food, to th
ſlighting, not only of the hony and hon
comb, but of Marrow and Manna, t
Cornucopia and plenty of divine Wr
tings: and how the moſt, taking ple
ſure in vain Pamphlets, Poeſies, Pla
books, and the like, (O ſæcula tricis d
dita plebeis, inſanâ agitata phreneſi
have not only dulled many ſharp wit
but diverted hard Students from the
goodly purpoſes; therefore at ſome v
cant minutes, he ſtrained his Inventi
to the accompliſhing of that whi
herein for a Novelty is offered a
tendered unto thee. It is not for himſ
that thus far he waded into the dep
of hidden Curioſities, but for thy ſa
(Courteous Reader,) that he might
theſe New and pleaſant Recreatio
take up ſome of thy vacant hours, al
nate thy thoughts from vanities mee

ſinful, or ſports that by accident preve ſnares and evil; and to afford Lords and Ladies, Gentlemen, Gentlewomen, and young Scholars, as new Experiments, ſo matters of merriment and contentment. It hath been obſerved by the Poet, that

Omne tulit punctum qui miſcuit utile dulci.

The prick and praiſe is gained from all by mixing things pleaſing with profitable. The Author having been carefull of both, this Work may happily be courteouſly entertained by ſome, and find demerited commendation. However, if Induſtry meet with Ingenuity, he cannot (I hope) be much condemned. The variation of the ſixty Numbers in the twenty one Pages, marked with the Letters of the Alphabet, have not been leſs then one and twenty times ſixty, viz. 1260 times varyed, wherein may appear ſome pains, and patience in purſuing the tranſpoſition without

wearisomness, wherein the Author hath endeavored, Ἐξ ἑνὸς πολλὰ ποιῆσαι, *(according to the Proverb) to make somewhat of nothing, much of little.*

Huc, huc pervigiles curæ, assiduique labores
contendunt.

Having bent his study and assiduity to level at this mark, if he strike the white, and declare the truth in all things;

Huc quæso, Nardine, oculos, huc dirige mentem.

Afford the same I pray thee, the aspect of a sweet and favorable countenance. So Farewell.

Thine,
whiles he is
his own,

NICHOLAS HUNT.

A general Explanation of the use of the several Chapters in the first Book.

WHen you would find out any Conclusion grounded on the former Chapters, as to know what King was thought upon in your minde, have recourse unto the first Chapter. To tell any Nobleman, Knight-Baronet, or Knight his name, and title of honour, then the party must be referred to the second Chapter: so of all other Experiments. What is said of the use of one Chapter, must be understood of all throughout the whole first Book.

An Example for the understanding of the first Chapter.

Suppose that your friend do think in his mind upon the name of one of the Princes of *England*, & you are to divine

and tell him what Prince or Princeſs he thought upon. Then open the Book at the firſt Chapter, and bid your friend think upon any name throughout the whole firſt Chapter: for example; ſuppoſe it to be Queen *Anne*, page the firſt; on the left ſide you ſhall find 146. which ſheweth that ſhe was the wife of the 146 Prince or King, in the order of ſucceſſion, namely of K. *James:* thus *Aurelius* is found to be the 9 Prince, *Brute* the firſt, *Will.* the Conqueror the 123. &c.

Admit now that *William* the Conq. be thought upon, which is found in page 3. under the governing letter *G*, and the number 37 right againſt the Conqueror. That which you are to keep in mind, is only the page from whence the name of the party thought upon is taken, which here is 3. bid the party thinking to keep well in his mind the number right againſt the name, namely 37. then refer him to the page marked

marked with the letter *G*, at the top thereof (towards the end of this first Book) bid him to seek this number under one of the 4 Quarters, noted by the letters, *K.L.I.H.* Having found it, demand in which quarter it is: If he say in the third quarter, noted by the letter *I*, then refer him to the page *I* (at the top thereof) and bid him the second time seek the number so kept in mind: which being found again, demand in which of the said quarters it is; if he say in the second quarter, marked with the letter *D*, there at *D* count the Alphabet over the numbers, and say, 54. *A.* 52. *B.* 53. *C.* 37. *D.* The letter *D* falling on 37. you may safely conclude, that 37 was the number kept in mind; seek this 37 in the third page, whence it was taken, and on the left hand you shall find *William* the Conqueror, who was the man thought upon.

How by the second Chapter you may tell a Noble man his Name, and Title of Honour, though you never knew him, nor saw him before.

1. Note, that the name of any of the greater or lesser Nobility is to be sought by the Sir-name, andnot by the Christian-name.

2. If the name be found in the second Chapter (by the Alphabet) you may certainly tell him both his name, and title of honour, thus:

3. The party having found out his name, bid him to keep in mind the number which stands by the side of it; you your self must keep in mind the page, and also the letter which governs the said page: as for example; *M* governs from 1 to 15. *R* governs from 16 to 30. *G* governs from 31 to 45, and *B* from 46 to 60.

Ad-

Admit that *Robert* Lord *Dormore*, Earl of *Carnarvan*, demand his name of you, and you know him not, bid his Lordſhip by his Sirname to find out both Chriſtian and Sirname, (the names being alphabetically diſpoſed;) *Robert* L. *Dormore*, Earl of *Carnarvan*, being found, on the left hand the 24 page, bid his Honour to keep in mind the number which ſtands by the ſide of his Honours name, which being 20, (unknown to you,) keep you in mind the four and twentieth page, whence the name was taken, and likewiſe the governing letter of the ſaid page, which is *R*.

Then refer his Lordſhip to the Page of Numbers Tranſpoſed, or Varied, marked at the top with the letter *R*, and bid him there to ſeek the number, (20) kept in mind, which being found, demand in which quarter it is: if it be ſaid, in the third quarter, governed by the letter *T*. Then bid his

Honour to ſeek the ſaid number in the page governed by the letter *T*, at the top of the ſaid page; which being found, demand the ſecond time in which of the four quarters it be found: if it be anſwered, in the firſt quarter, governed by the letter *C*, ſay the Alphabet over the ſaid numbers; for *C* being the third letter in the Alphabet, will end on the third number of the firſt line, *viz.* on 20. giving you to underſtand, that 20 was the number firſt kept in mind: Seek this number ſecretly in the 24. page. from whence it was taken, and you ſhall find *Robert* L. *Dormore*, E. of *Carnarvan*, &c.

How by the ſeventh Chapter, to tell any man his Chriſtian-name, though you never ſaw him before.

Let him enter into the ſeventh Chapter, and ſeek his Chriſtian-name by the Alphabetical letter thereof; ſuppoſe it

it to be *Meredith*, which is found in the 97 Page, under the governing letter *G*, which you that are to divine muſt keep well in minde; then bid him to think upon the number which is placed right againſt his name, which here is 35; turn you the Book unto the Numbers Tranſpoſed, or Varied, in the page *G*; under the page *G* bid your friend to ſeek for the number (35) kept in mind, which being found, demand in which of the four quarters it is, and he will ſay in the third, governed by the letter *I*; therefore refer him the ſecond time to ſeek the ſame number (35) kept in mind, under the page *I*: it being found, demand the ſecond time in which of the quarters it is; if it be ſaid in the firſt, governed by the letter *F*, there count your Alphabet over the numbers, and ſay, *A*. 40. *B*. 39. *C*. 41. *D*. 42. *E*. 44. *F*. 35. *F* falling on 35, you may ſafely conclude, that 35 was the number

kept

kept in mind: ſeek this 35 in the 97 page, whence it was taken, and right againſt the ſame you ſhall find the name of your friend, *viz. Meredith.*

So do in all other Experiments, according to all the varieties ſpecified throughout the Chapters of the whole firſt Book.

The

New Recreations.

Cap. I.

The Names of all such as have been Kings and Queens of *England*, with their order of raigning succeſſively, noted by the numbers before their Names.

		Numb.
109	ADelſtane	1 *M*
44	Androgius	2
107	Alured	3
146	Q. Anne	4
56	Archemalus	5
29	Archigallo	6
92	Arthur	7
71	Arviragus	8
78	Aſclepiodotus	9
90	Aurelius	10
94	Aurelius Conanus	11
76	Baſſianus	12
21	Belinus and Brennus	13
9	Bladud	14
51	Bladunus	15

55 Bled-

		Numb.
55	Bledgabredus	16
21	Brennius and Belinus	17
101	Brithricus	18
1	Brute	19
6	Brutegreenſhield	20
100	Cadwallader	21
99	Cadwallin	22
98	Cadwan	23
39	Coilus	24
118	Canutus	25
52	Caperenus	26
63	Caporus	27
77	Caraſſus	28
97	Careticus	29
67	Caſſivelane	30

	Numb.
38 Catillus	31 G
24 Cecilius	32
147 Charls	33
41 Chirinnus	34
79 Coill	35
73 Coilus	36
123 W. Conqueror	37
81 Conſtantine	38
86 Conſtantine	39
93 Conſtantine	40
80 Conſtantius	41
83 Conſtantius	42
11 Cordyla	43
69 Cymbalinus	44
48 Detonus	45
	57 Di-

		Numb.
47	Didantius	46 *B*
64	Dinellus	47
5	Ebranke	48
113	Edgar	49
110	Edmund	50
117	Edmund Ironside	51
108	Edward	52
114	Edward	53
121	Edward	54
131	Edward 1.	55
132	Edward 2.	56
133	Edward 3.	57
138	Edward 4.	58
139	Edward 5.	59
143	Edward 6.	60

		Numb.
112	Edwin	1 *M*
102	Egbert	2
115	Egelred	3
57	Eldedus	4
43	Eldred	5
31	Elidurus	6
46	Eliud	7
145	Q. Elizabeth	8
34	Emerianus	9
105	Ethelbert	10
106	Ethelred	11
104	Ethelwaldus	12
103	Ethelwolphus	13
19	Forrex & Porrex	14
42	Fulgen	15

37 Ge-

		Numb.
37	Geruncius	16 *R.*
18	Gorbodug	17
28	Gorbomannus	18
32	Gorbonius	19
85	Gracian	20
23	Guinthelinus	21
49	Gurgineus	22
14	Gurguſtus	23
22	Gurguſtus	24
120	Hardikenutus	25
122	Harold	26
119	Harold Harefoot	27
65	Helvis	28
125	Henry 1.	29
127	Henry 2.	30

130 Hen-

		Numb.
130	Henry 3.	31 G
135	Henry 4.	32
136	Henry 5.	33
137	Henry 6.	34
141	Henry 7.	35
142	Henry 8.	36
16	Jago	37
146	K. James	38
129	K. John	39
35	Ivall	40
17	Kinimacus	41
7	Leill	42
10	Leir	43
2	Locrine	44
74	Lucie	45

	Numb.
66 Lud	46
8. Lududribas	47
3 Madan	48
96 Malgo	49
72 Marius	50
144 Q. Mary	51
84 Maximus	52
4 Mempricius	53
50 Merianus	54
33 Morgan	55
12 Morgan & Conedagus	56
27 Morindus	57
20 Mulmutius	58
53 Ovinus	59
61 Penisellus	60
	62 Pir-

		Numb.
62	Pirrhus	1 *M*
40	Porez	2
19	Porex	3
59	Redargius	4
128	Richard 1.	5
134	Richard 2.	6
140	Richard 3.	7
13	Rivallo	8
58	Rodianus	9
36	Rymo	10
60	Samulius	11
75	Severus	12
126	K. Stephen	13
116	Swain	14
68	Theomantius	15

		Numb
83	Traherus	16
45	Varianus	17
88	Vortiger	18
89	Vortimer	19
95	Vortiporus	20
123	Will. Conqueror	21
124	Will. Rufus.	22

CAP.

Cap. 2.

Christian and Sirnames of both the greater and lesser Nobility.

Bt. is *Baronet*, B. *Baron*, C. *Countesse*, D. *Duke*, E. *Earl*, K. *Knight*, L. *Lord*, M. *Marquesse*, V. *Viscount*, * *Knight of the Bath.*

	Numb.
Sir *William Acton*, Lond. K. Bt.	1 *M*
Sir *William Alford*, Yorksh. K.	2
Sir *Edw. Alein*, Essex, Bt.	3
Sir *Richard Amcots*, Linc. K *	4
John Anderson, Hunting. Esq. Bt.	5
Sir *Francis Anneſly*, K. Bt.	6
Roger Appleton, Essex, Esq. Bt.	7
William Armine, Linc. Esq. Bt.	8
Thomas Arundel, L. of Wardor.	9
Sir *Edward Ascough*, K. Bt.	10
Sir *John Ashfield*, Suff. K. Bt.	11
Sir *Francis Ashby*, Middl. K. Bt.	12
Sir *Anthony Ashly*, Dorſ. K. Bt.	13
Sir *Walter Ashton*, Staff. Bt. K *	14
Ralph Ashton, Lanc. Esq. Bt.	15

Num

Thomas Aſhton, Cheſh. Eſ. Bt. 16

Sir *William Anſtudduz*, K* 17

Sir *Th. Ayleſbury*, Bt. M. of Requ. 18

Sir *Will. Ayloffe*, Eſſex, K Bt. 19

Sir *Nathaniel Bacon*, Suff. K* 20

Sir *Nicholas Bacon*, Suff. K Bt. 21

Sir *John Backhouſe*, Berſh. K* 22

Sir *Thomas Bager*, K Bt. 23

Sir *James Bagge*, Devon. K 24

Sir *Henry Baggot*, Staff. K Bt. 25

Henry Baggot, Staff. Bt. 26

Sir *Henry Baker*, Kent, K Bt. 27

Sir *Will. Bamburgh*, York. K Bt. 28

Sir *John Bamfield*, Devon. K Bt. 29

Sir *Francis Barington*, Eſſ. K Bt. 30

Numb.

Sir *Th. Barington*, Eſſex, K Bt. 31 G
Sir *Rob. Barker*, Suff. K* 32
John Barker, Suff. Eſq. Bt. 33
Edward Barkham, Norf. Eſ. Bt. 34
Thomas Barkley, L. Barkley* 35
Sir *Nathani. Barnardiſton*, K Bt. 36
Sir *Francis Bernham*, K Bt. 37
Sir *Montague Barty*, K* 38
Sir *Peregrine Barty*, K* 39
Rob. L. *Barty*, E. Lyndſey, K* 40
Sir *Roger Barty*, K* 41
Sir *Edward Baſh*, K Bt. 42
Sir *Robert Baſſet*, Devon, K. 43
Sir *Francis Baſſet*, Devon. K 44
Sir *Thom. Beaumont*, Leic. K Bt. 45

Numb

Sir *Rich. Beaumont*. York. K. Bt. 46
John Beaumont, Leiceſt. Eſ. Bt. 47
Capel Bedell, Hunting. Eſ. Bt. 48
Sir *Will. Beecher*, Berk. K. Bt. 49
Thom. Bellaſis, L. Faulconbridg 50
Sir *Henry Bellaſis*, York. K. Bt. 51
Hen. Bellingham, Weſtmin. Eſ. Bt. 52
Thomas Bendiſh, Eſq. Bt. 53
Simon Bennet, Buck. Eſq. Bt. 54
George L. *Berkley*, K* 55
Sir *Charls Berkley*, Wiltſ. K. Bt. 56
Sir *Henry Berkley*, Leic. K Bt. 57
Sir *Henry Berkley*, Somerſ. K 58
Sir *Richard Berney*, Norf. Eſ. Bt. 59
Sir *Rob. Bevil*, Hunting. K* 60

Thom

Numb.

Thomas Biggs, Worceſt. Eſ. Bt. 1 *M*

Sir *Francis Bindlaſe*, K 2

Sir *Thomas Biſhop*, Suff. K Bt. 3

Thom. Blackſtone, Durh. Eſ. Bt. 4

Sir *Thom. Bludder*, Sur. K 5

Monjoy L. *Blunt*, E. Newport 6

Sir *Saint Iohn Blunt*, K * 7

Sir *Roger Bodenham*, Heref. K * 8

Iohn Bolls, Linc. Eſq. Bt. 9

Sir *George Booth*, Cheſh. K Bt. 10

Sir *Iohn Boteler*, Hertf. K Bt. 11

Iohn L. *Boteley*, B. Branfield 12

Edw. L. *Bourcher*, E. Bath. K * 13

Sir *Talbot Bowyer*, Yorkſh. K Bt. 14

Thomas Bowyer, Suff. Bt. 15

Numb.

Edmund Bowyer, Dorſ. Eſq. 16

Sir *Matthew Boyton*, York. K Bt. 17

William Breveton, Cheſt. Eſ. Bt. 18

Sir *Gray Bridges*, Bt. L. *Shandos*, 19

Giles Bridges, Heref. Eſ. Bt. 20

Sir *Thomas Bromeley*, Worceſ. K 21

Sir *John Brooke*, Kent, K* 22

Sir *William Brooke*, K 23

Sir *Robert Brooke*, Suff. K 24

Anthony-Maria Browne, Viſcount *Montagne* 25

Sir *Will. Browne*, Northam. K* 26

Robert Browne, Norf. Eſ. Bt. 27

Ambroſe Browne, Sut. Bt. 28

Thomas Brudenel, L. Stanton. 29

Tho. Brudenel, Northam. Eſ. Bt. 30

Ed-

	Numb.
Edward Bruſſe, L. Kinloſſe, K *	31
Sir *Richard Buller*, K	32
Sir *William Bulſtrode*, K	33
Sir *Thomas Burdet*, War. K Bt.	34
Rich. de Burgh, E. Clanrikard	35
Sir *William Burlaſe*, K	36
Sir *Henry Burton*, Leic. K *	37
Sir *John Butler*, Hartf. K *	38
Sir *Thomas Button*, Leic. K Bt.	39
Sir *William Button*, Wilſh. K Bt.	40
Sir *John Byron*, Notting. K *	41
John Camers, Durh. Eſq. Bt.	42
Sir *Thomas Canon*, Sur. K	43
Sir *Francis Carew*, Sur. K *	44
Sir *Francis Carew*, Devon. K *	45

Numb.

Robert L. *Carey*, E. Monmouth 46

Dudley Carleton, V. Dorcheſter 47

Sir *Iohn Carleton*, K Bt. 48

Sir *William Carnaby*, K. 49

Sir *Edw. Carre*, Linc. K Bt. 50

Sir *Robert Carre*, K * 51

Henry L. *Carey*, E. Dover, K * 52

Sir *Ioh. Carey*, primogen. to *Hen-* 53
ry K *

Sir *Henry Carey*, V. Faulkland 54

Will. L. *Cavendiſh*, E. Devonſh. 55

Will. L. *Cavendiſh*, E. Newcaſtle * 56

Sir *Charls Cavendiſh*, K. 57

Sir *Will. Cavendiſh* 1 ſon 58

Sir *Iohn Cavendiſh* 2 ſon 59

Sir *Patrick Carwin*, K Bt. 60

Will.

	Numb.
Will. L. *Cecil*, E. Exceſter	1 *M*
Will. L. *Cecil*, E. Salisbury	2
Charls L. *Cecil*, L. Cranburn *	3
Will. Chalenor Yorkſh. Eſ. Bt	4
Sir *Rob. Chamberlain*, Oxf. K *	5
Sir *John Chandleigh*, K	6
Sir *John Cheek*, K	7
Anthony Cheſſer, Buck. Eſq; Bt.	8
George Chudleigh, Devon. Eſ. Bt.	9
Sir *Rob. Chycheſter*, Devon. K *	10
Sir *Ralph Clare*, Worceſt. K *	11
Simon Clark, Warw. Eſ. Bt.	12
Henry Clere, Norf. Eſ. Bt.	13
Francis L. *Clifford*, E. Cumb. *	14
Henry L. *Clifford*, ſon, K *	15

Numb.

Sir *Gervase Clifton*, K Bt. 16

Sir *William Clifton*, Notting. K * 17

Theophilus Clinton, E. Linc. 18

Sir *Anthony Coap*, Oxf. K. Bt. 19

Sir *John Coke*, principal Secret. K 20

Sir *Edward Coke*, Buck. K. 21

John Colebrand, Suff. Esq. Bt. 22

William L. *Compton*, E. Northam. 23

Spencer L. *Compton*, 1 son 24

Sir *Richard Compton*, K * 25

Sir *Henry Compton*, K * 26

Will. Constable, York. Esq. Bt 27

Edward Conway, V. Conway 28

Edward Conway, L. Ragley, 29

Sir *John Cooper*, K Bt. 30

John

Numb.

John Cooper, Southamp. Ef. Bt 31
Sir *Andrew Corbet*, Shropſh. K 32
Sir *Richard Corbet*, Shrop. K * 33
John Corbet, Shrop. Eſq. Bt 34
John Corbet, Norf. Eſq. Bt 35
Frederick Cornwallis, Suff. Eſ. Bt 36
Sir *Franc. Cottington*, Midl. K Bt 37
Sir *Robert Cotton*, Hunting. K Bt 38
Sir *Rowland Cotton*, Staff K 39
Th. L. *Coventry*, B. Allisborough 40
Sir *William Courtney*, Devon. K 41
Sir *Francis Courtney*, Devon. K 42
Peter Courton, Worceſt. Eſ. Bt 43
Sir *Oliv. Crumwel*, Hunting. K * 44
Sir *Robert Crane*, Suff. K Bt. 45

Leonel

	Numb.
Leonel L. *Cranfield*, E. Middl.	46
Will. L. *Craven*, B. Hamſted	47
Sir *William Crofts*, Wiltſh. K	48
Sir *John Croke*, K	49
Thomas L. *Cromwel*	50
Sir *Sackvil Crow*, Carnarv. K Bt	51
Sir *Thom. Culpepper*, K	52
Will. Culpepper, Kent, Eſ. Bt	53
Will. Culpepper, Suſſ. Eſ. Bt	54
Patrick Curwin, Cumb. Eſq; Bt	55
Sir *Thomas Dacres*, K	56
Sir *Roger Dallinſon*, Linc. K Bt	57
Sir *George Dalſton*, Cumb. K	58
Henry L. *Danvers*, E. Danby	59
Sir *John Danvers*, K	60

Thom.

Numb.		Numb.
	Thom. L. *Darcy*, E. Rivers	1
	John L. *Darcy*, L. Aſton	2
	Sir *Francis Darcy*, K	3
	John Darel, Berkſh. Eſq; Bt	4
	Thomas Darvel, Linc. Eſq; Bt	5
	Sir *Thom. Delves*, Cheſt. K Bt	6
	Edward L. *Denney*, E. Norwich	7
	Sir *Edward Dennis*, K	8
	Sir *Thomas Denton*, K	9
	Sir *Edward Dering*, Kent, K Bt	10
	Robert L. *Devereux*, E. Eſſex	11
	Edw. Devereux, Warw. Eſq; Bt	12
	Lewis Dever. Warw. Eſq; Bt	13
	Sir *Walter Devoreux*, Staff. K	14
	John L. *Digby*, E. Briſtol	15

Sir

	Num
Sir *Kellam Digby*, K	16
T. Dillington, Ile of Wight, Esq. Bt	17
Basil Dixwel, Kent, Esq; Bt	18
Sir *Robert Dormer*, Buck. K Bt.	19
Rob. L. *Dormore*, E. Carnarvan	20
Sir *Francis Drake*, Devon K Bt	21
Sir *Ioh. Drake* of Ash. Dev. K Bt	22
Drugo Drury, Norf. Esq; Bt	23
Sir *Rob. Ducy*, Alder. Lond. K Bt	24
Sir *Rich. Earl*, Linc. K Bt	25
Sir *Walter Earl*, Dorsetsh. K	26
Sir *Rich. Edgcomb*, Cornw. K	27
Sir *Tho. Edmunds*, Treasurer of the Kings house, K *	28
Sir *Henry Edmonds*, K	29
Iohn L. *Egerton*, E. Bridgwater	30

		Numb.
16	Sir *Rowland Egerton*, Cheſh. K.	31 *G*
17	Sir *John Elliot*, Cornw. K	32
18	*William Eſſex*, Berkſ. Eſqu;	33
19	Sir *Giles Eſtcourt*, Wiltſ. K Bt	34
20	*Richard Everard*, Eſſex, Eſq; Bt	35
21	*William* L. *Evers*, *B.* Witton *	36
22	Sir *Ferdinando Fairfax*, York K	37
3	*Francis* L. *Fane*, E. Weſtmorl.*	38
4	Sir *Francis Fane*, 2 ſon, *K* *	39
5	*Mildmay Fane*, L. Burkhurſt *	40
6	Sir *George Fane*, K.	41
7	Sir *Henry Fane*, K	42
8	Sir *Thomas Fanſhaw*, Hartf. K *	43
	Sir *Thomas Farnfoul*, Suſſ. K	44
	Sir *Anthony Felton*, Suff. K *	45

Henry

	Numb
Henry Felton, Suff. Eſ. Bt	46
Sir *Ioh. Fenwick*, Northum. K Bt	47
Henry Ferrers, Lincol. Eſq; Bt	48
William L. *Fielding*, E. Denbigh	49
William L. *Fielding*, L. Newnham-paddox	50
Baſil L. *Fielding*, 1 ſon, K*	51
George Fielding, V. Callon, K*	52
Elizab. Finch, C. Winchelſey	53
Sir *John Finch*, Attour. Speaker	54
Sir *Moyle Finch*, Kent, K Bt	55
Sir *Robert Fiſher*, Warw. K Bt	56
Sir *Thomas Fiſher*, Middl. K Bt	57
Edward Fitton, Eſq; Bt	58
Sir *Giles Fleetwood*, Oxf. K	59
Sir *Will. Fleetwood*, Buck. K	60

Ri-

Numb.

Richard Fleetwood, Staff. Esq. Bt 1 *M*

Francis Foliamle, Derb. Esq. Bt 2

Sir *Will. Forster*, Buck. K * 3

Sir *Claudius Forster*, Northumb. K Bt 4

Humphrey Forster, Berks. Es. Bt 5

Sir *Francis Fortescue*, Devon. K * 6

Sir *David Fowlis*, York. K Bt 7

Sir *Thomas Fowler*, Middl. K Bt 8

Sir *Edward Fox*, K 9

Sir *John Franklin*, Wilts. K 10

Sir *Edward Fryer*, Oxf. K Bt 11

William Fines, V. *Say & Seal* 12

John Gage, Sussex, Es. Bt 13

Sir *Henry Gawdy*, Essex, K * 14

Sir *John Gerard*, Chesh. K bt. 15

Gil-

Numb.

Gilbert Gerard, Middl. Eſ. Bt 16

Dutton Gerhard, L. Gerards Bromeley 17

Gilbert L. *Gerhard*, K * 18

Sir *Robert George*, Somerſ. K 19

Sir *Thomas Geram*, Lanc. K Bt 20

Sir *Richard Gifford*, K 21

Sir *Peter Glean*, K 22

George L. *Gordon*, M. Huntley * 23

Sir *Thomas Gore*, York. K Bt 24

Sir *John Gore*, Trin.par. Lond.K 25

G. L. *Goring*, L.Hurſts Purpoynt 26

William Goring, Suſſ. Eſ. Bt. 27

Sir *Will. Goſwick*, Bedf. K Bt 28

Richard Graham, Cumb. Eſ. Bt 29

Sir *Thomas Grantham*, K 30

Henry

	Numb.
Henry L. *Gray*, E. Stanford	31 G
William L. *Gray*, L. Weark	32
Sir *Rich. Grenvile*, Cornw. K Bt	33
Robert L. *Grevil*, L. Brook	34
William Grey, Northumb. Esq; bt.	35
George Greyſley, Darb. Esq; bt	36
Sir *Edw. Griffin*, Northam. K *	37
Henry Griffith, York. Esq; bt	38
Sir *Harbottle Grimſtone*, Esq; bt	39
Foulk Grivil. L. *Brook* *	40
Sir *Charls-le-Groſſe*, K	41
Sir *Rich. Groſvenner*, Heref. K bt.	42
Sir *Edward Giles*, Devon. K bt.	43
Sir *Iohn Hales*, K	44
Sir *Edward Hales*, Kent, K bt.	45

Iames

	Numb
Iam. M. *Hamilton*, E. Cambridge	46
Sir *Iohn Hanmer*, Flint, K Bt	47
Charls L. *Harbert*, L. Shurland *	48
Sir *Will. Herbert*, Mongom. K *	49
Sir *Iohn Hare*, K	50
Sir *Rob. Harley*, Worceſt. K *	51
Henry Harper, Derb. Eſq. Bt	52
Sir *Iohn Harrington*, Rutl. K Bt	53
Thom. Harris, Shropſh. Eſ. Bt	54
Sir *Richard Harriſon*, K	55
Edward Hartop, Leiceſt. Eſ. Bt	56
Sir *Raph Hart*, Hartf. K *	57
Sir *Iohn Hart*, Kent, K *	58
Sir *Stephen Harvey*, K *	59
Sir *Edw. Harwel*, Worceſt. K *	60

	Numb.
Henry L. *Haſtings*, E. Huntingt.	1
Ferdinando L. Haſtings	2
Sir *Thomas Hatton*, K	3
Sir *Robert Haward*, Shrop. K *	4
James L. Hay, E. Carlile *	5
James L. Hay, 1 ſon	6
James L. Hay, L. Yſter	7
Tho. Heal, Devon. Eſq; Bt	8
Elias Heal, Devon. Eſq;	9
Thomas Heal, Devon. Eſq;	10
Philip L. Herbert, E. Montgom.*	11
Will. L. Herbert, E. Penbrook	12
Percy Herbert, Montgom. Eſ. Bt	13
Sir *Edward Heron*, Linc. K *	14
Sir *Arthur Herris*, K	15

Wil-

Num

William L. *Hervey*, L. Kidbrook 16
Sir *William Hervy*, Middl. K. bt. 17
Sir *Tho. Heſilridg*, Leic. K. bt. 18
Sir *John Hevingtou*, K 19
John Hewet, York. Eſ. bt. 20
Sir *Peter Heyman*, K 21
Sir *Baptiſt Hicks*, V. Camden, Gloceſt. K. bt. 22
Sir *George Hide*, Berkſ. K * 23
Sir *Nicholas Hide*, Heref. K. bt. 24
Sir *Chriſtopher Hildiard*, York. K 25
Sir *John Hippeſley*, K 26
Sir *Miles Hobard*, Norf. K. bt. 27
Sir *Th. Poſthumus Hobey*, Yor. K 28
Sir *Henry Holcnaſh*, K 29
Sir *John Holland*, Norf. K. bt. 30

Iohn

		Numb.
	John L. *Hollis*, E. Clare	31 G
	Sir *Thomas Holt*, Warw. K. bt.	32
	Sir *Arthur Hopton*, Somerſ. K *	33
	Sir *Ralph Hopton*, Somer. *K* *	34
	Sir *John Hotham*, York. *K.* bt.	35
	Sir *Rich. Houghton*, Lanc. *K.* bt.	36
	Charls L. *Howard*, E. Nottingh.	37
	Henry L. *Howard*, L. Matravers	38
	Tho. L. *Howard*, E. *Barkſh.* *	39
	Tho. L. *Howard*, E. Arundel	40
	Sir *Charls Howard*, 1 ſon, *K* *	41
	Sir *Will. Howard*, 2 ſon, *K*	42
	Theophilus L. *Howard*, E. *Suff.*	43
	Sir *James Howard*, 1 ſon, *K*	44
	Sir *Robert Howard*, 5 ſon, *K*	45

Sir

Numb

Sir *William Howard*, 6 ſon, K 46
Sir *Edward Howard*, 7 ſon, K 47
Sir *Charls Howard*, Surrey, K 48
Sir *Edw. Hungerford*, Wiltſ. K * 49
Sir *Edw. Huſſey*, Linc. K Bt 50
Sir *Richard Hutton*, York K 51
Sir *Iohn Iackſon*, York. K 52
Iohn Iaques, Middl. Eſq. Bt 53
Sir *Thomas Iay*, Wiltſ. K 54
Sir *Iohn Iennings*, Hartf. K * 55
Kenelm Ienoure, Kent, Eſq; Bt 56
Sir *Iohn Iephſon*, K 57
Sir *Thomas Iermin*, Norf. K * 58
Hen. Iermingham, Norf. Eſq; bt. 59
Sir *Thom. Ierviſe*, *K.* 60

	Numb.
Sir Francis Ingleſield, Wilt. K bt.	1 *M*
Sir Arthur Ingram, York. K.	2
Sir John Iſham, Northamp. K *Bt.*	3
George Kemp, Eſſex, Eſq; bt.	4
Sir Robert Killigrew, K.	5
Sir William Killegrew, K.	6
John Kiole, Heref. Eſq; bt.	7
Philip Knevit, Norf. Eſq; bt.	8
VVill: Kniveton, Derb. Eſq; bt.	9
VVil: L. *Knoles*, E. *Banbury.*	10
Sir Francis Knoles, K.	11
Sir Robert Knoles, *Barſh.* K.	12
Charls L. *Lambert.*	13
Sir Tho: Langthon, Lancaſh. K *	14
Sir John Laurence, *Buck* K *Bt.*	15

Numb

Francis L. *Leake*, *B.* Deyncourt 16

Sir *Francis Leake*, Darb. *K* Bt. 17

Sir *Henry Lee*, Buck. K. Bt. 18

Humfrey Lee, Shropſh. Eſ. Bt. 19

Sir *Edward Leesh*, *K* 20

Sir *Tho. Leeds*, Suff. K* 21

Francis L. *Leigh*, *B.* Dunſmore 22

Sir *Francis Leigh*, Warw. K* 23

Sir *Thomas Leigh*, Warw. K Bt. 24

Richard Leonard, L. Dacres. 25

Sir *John Leventhorp*, Heref. K. Bt. 26

William Lewis Breckn. Eſq. Bt. 27

James L. *Leigh*, E. Marlborough 28

Henry L. *Leigh*, 1 ſon 29

Sir *James Leigh*, Wiltſ. K. 30

Numb.

Sir *Tho. Littleton*, Wor. K. Bt. 31 *G*

Edward Littleton, Staff. Eſ. Bt. 32

Michael Lineſey, Kent, Eſq. Bt. 33

Richard L. *Lovelace*, *B.* Hutley 34

Sir *John Louther*, Weſtm. *K.* 35

William Luckin, Eſſex, Eſ. *Bt.* 36

Sir Thomas Lucie, *K* 37

Rich. Lucie, Hertf. Eſ. Bt. 38

Sir Oliver Luke, Bedf. *K* 39

Sir John Lyneſey, *K* * 40

Sir William Lytton, *K* 41

Sir Tho. Mackworth, Rutl. *K* bt. 42

Sir John Mallet, Somerſ. *K* * 43

Francis L. *Manners*, E. Rutl. *K* * 44

Francis Mannokin, Suff. Eſ. Bt 45

	Numb.
Sir *Robert Manſel*, K.	46 *B*
Francis Manſel, Carnarv. Eſ. Bt.	47
Sir *Edward Mansfield*, K.	48
Tho: Maples, Hunting. Eſq; Bt.	49
Anthony-Maria-Brown, V. Montague.	50
William Maſhae, Eſſex, Eſq; bt.	51
James L. Matravers. *	52
Sir *Thomas Maunſel*, Glamorgan. K. bt.	53
Sir *Humphrey May*, K.	54
Will: L. *Maynard, B.* Eſtayns.	55
Sir *John Maynard*, Wilt. K *	56
Sir *Thomas Maynard*, Eſſex, K Bt.	57
Sir *Will: Maynard*, Eſſex, K bt.	58
Will: Meredith, Denby, Eſq; bt.	59
Sir Hugh Middleton, Denb. K.	60

Sir

	Numb.
Sir Tho: Middleton, Denb. K.	1
Thomas Mildmay, Eſſex, Eſq; bt.	2
Sir John Miller, Suſſex, K *Bt.*	3
John L. *Mohum*, L. Okehampton.	4
Sir Reinold Mohun, Cornw. *K Bt.*	5
Sir Rich. Molleneux, Lanc. K bt.	6
John Molleneux, Nottingham. Eſq; *Bt.*	7
Will: Monings, Eſſex, Eſq, bt.	8
Sir Tho: Monſon, Linc. K bt.	9
Sir Hen: Moody, Wiltſ. K bt.	10
Henry Moor, Berk. Eſq; bt.	11
George Morton, Dorſ. Eſq; bt.	12
Le Strange Mordant, Norf. Eſ. bt.	13
Henry L. *Mordant*, E Peterborough.	14
Sir Tho: Morgan, Wiltſ. K.	15

	Numb.
Sir *Charls Morriſon*, Hart.* K Bt.	16 *R*
Hen. L. *Montague*, E Mancheſt.	17
Edw. L. Montague, L. Kimboſton	18
Sir *Edw. Montague*, 1 ſon K*	19
Sir John Munſon, K *	20
Sir Patrick Murrey K *	21
Sir Rich. Muſgrave, Weſtmerland, * *K Bt.*	22
Sir Math. Myns, Kent, *K* *	23
Sir Rob. Napper, Bedf. *K Bt.*	24
Sir Francis Netherſal, *K*	25
Th. L. Neuil, *B.* Abergavenny *K* *	26
Sir Chriſtopher Neuil, *K* *	27
Sir Thomas Neuil, *K* *	28
Sir Rich. Newport Shrop. *K*	29
Adam Newton, Kent, Eſq; bt	30

Tho-

	Numb.
Thom. Nightingale, Eſſex Eſ. Bt.	31 G
Edw. L. Noell, L. Ridlington	32
Sir *Edw. Noell*, Rutl. K Bt.	33
Francis L. *Norris*, L. Ricot	34
Sir *Will. Norris*, Lanc. K *	35
Dudley L. North, *L.* Catbiche	36
John L. North, *L.* Northam. K *	37
Sir *Dudley North*, Suſſ. K Bt.	38
Sir *Dan. Norton*, Southam. K Bt.	39
Sir *Rich. Norton*, Southamp. K Bt.	40
Sir *John Oglander*, K	41
Edw. Oſborn, Yorkſh. Eſ. Bt.	42
Sir Rich. Ouſlow, Sur. K	43
Sir Will. Owen, Shrop. *K*	44
Jo. Packington, Buck. Eſq. Bt.	45

	Numb.
Sir William Page, K*	46 B
William L. *Paget*, L. *Beaudesort.*	47
Sir Anthony Palmer, Suff. K*	48
Sir Roger Palmer, Suſſex, K*	49
Sir Thomas Palmer, Kent, K Bt.	50
Sir Guido Palmer, Rutland, K.	51
Henry Parker, L Morley, K*	52
William Parker, *L.* Monteagle, *K**	53
Sir George Paul, K.	54
Henry L. Paulet, K *	55
John L. Paulet, L. *Saint John* of Baſing.	56
John L. Paulet, B. Hinton, *K. Saint George.*	57
William L. Paulet, M. Winchester.	58
Sir Robert Payn, K.	59
Sir Iohn Payton, Cambr. *K Bt.*	60

Sir

	Numb.	
Sir *Samuel Payton*, Kent, *K Bt.*	1	*M*
Thomas Pelham, Suſſex, Eſq; bt.	2	
VVilliam Penneman, York. Eſq; bt.	3	
Thomas Penyſton, Suſſ. Eſq; bt.	4	
Henry L. *Percy*, E. Northumberland.	5	
Algernon Percy, 1 ſon, *K* *	6	
Sir *Allan Percy*, *K Bt.*	7	
Robert L. Perpoynt, E. Kingſtone.	8	
Sir *James Perrot*, *K.*	9	
John Peſhal, Staff, Eſq; bt.	10	
Sir *Rob. Philips*, Somerſ. K.	11	
Thomas Philips, Somerſ. Eſq; bt.	12	
John Philips, Pembr. Eſq; bt.	13	
Francis Pile, *Berkſh.* Eſq; bt.	14	
Sir *Tho: Playters*, Suff. *K Bt.*	15	

Numb.

Sir Lewis Pollard, Dev. K Bt. 16 *R*

Sir *Will. Pool*, Devon. K 17

Sir *Iohn Pool*, Devon. K Bt 18

Sir *Will. Pooley*, *K* 19

Sir *VVill. Pope*, Oxf. K* 20

Sir *Francis Popham*, Wiltſ. K 21

Hugh Portman, Somerſ. Bt. 22

Iohn Portman, Somerſ. Eſq. Bt 23

Edmund Powel, Oxf. Eſq; 24

Edward Powel, Heref. Eſ. Bt 25

Thomas Powel, Cheſh. Eſ. Bt 26

Sir *Rob. Poynts*, Gloceſt. K bt. 27

Richard L. *Preſton*, E. Deſmond 28

Iohn Price, Montgom. Eſq; bt 29

Sir *Thom. Prideaux*, Dev. K 30

Edmund

	Numb.
Edmund Prideaux, Dev. Eſq. bt	31 G
Peter Prideaux 1 ſon, K	32
Thom. Puckering, Herf. Eſq. bt	33
Sir *Robert Pye*, *K*	34
Sir Walter Pye, *K*	35
Sir Alex. Radcliff, Lanc. K *	36
Francis Radcliff, Cumb. Eſq; bt	37
Sir John Ramſden, York. K	38
Sir Edward Randal, Sur. *K*	39
Robert L. Ratcliff, E. Suſſex	40
Henry L. Ratcliff, *L.* Fitzwater	41
Sir Tho. Reynel, Devon. *K*	42
Rob. L. Rich, E. Warwick *	43
Robert L. Rich 1 ſon	44
Henry L. Rich E. Holland *	45

	Numb.
Sir *Nathaniel Rich*, K.	46
Sir *Thomas Riddel*, K.	47
Sir *Peter Riddel*, K.	48
Thomas L. *Ridgway*, Devon.	49
Sir *Benjamin Ridward*, Wilt. K.	50
John Rivers, Kent, Esq; Bt.	51
Rich. L. *Robers*, L. Truro.	52
Sir *Thomas Roberts*, Kent, K Bt.	53
Sir *Rich. Roberts*, Cornw. K Bt.	54
Sir *Edward Rodney*, Somer. K.	55
John L. *Roper*, L. Tenham.	56
Rice Rudd, Carmarthen, Bt.	57
Francis L. *Russel*, E. Bedford.	58
Sir *William Russel*, 1 son.	59
Sir *Wil: Russel*, Cambr. K Bt.	60

Wil-

	Numb.
VVilliam Russel, Worcest. Esq. Bt	1 *M*
Edward L. Sackvil, Suss. *	2
Sir *Thomas Sackvil*, Suss. K *	3
VVilliam L. Sands, *B.* Sands	4
Oliver L. Saint-Iohn, E. Bullingbrook, *	5
Oliver L. Saint-Iohn, *L.* Tregoze 1 son, *	6
Sir *Paulet Saint-Iohn*, K *	7
Sir *Rowland Saint-Iohn*, K *	8
Sir *Alexand. Saint-Iohn*, K	9
Sir *Anthony Saint-Iohn*, K	10
Sir *Beauchamp Saint-Iohn*, Bedf. K.	11
Sir *Iohn Saint-Iohn*, Wilt. K Bt	12
Sir *George Saint-Paul*, Lincoln. K Bt.	13
Henry Salisbury, Denb. Esq. bt	14
Sir *Nicolas Sanderson*, Linc. K bt.	15

Sir

	Numb
Sir *George Sands*, Kent, K *	16
Sir *Miles Sands*, Ely, K Bt.	17
Tho. Savage, V. Rock-Savidg	18
Sir *John Savage*, Chelh. K Bt	19
John L. *Savil*, B. Pomfret	20
Sir *George Savil*, Yorkſh. K Bt	21
Sir *Henry Savil*, York. K Bt	22
Sir *Edward Scot*, Kent, K *	23
Emmannel L. *Scroop*, E Sunderland	24
John Scudamore, Heref. Eſq; Bt	25
Edw. Seabright, Worceſt. Eſ. Bt	26
William Seymore, E. Hartf.	27
Edw. L. *Seymore*, L. Beauchamp.*	28
Sir *Edward Seamore*, Devõ. K Bt	29
Sir *Francis Seymore*, Devon, K	30

Edmund

	Numb.	G
Edmund L. *Sheffield*, E. of Muſgrave, *	31	
John Shelley, Suſſex, Eſq; bt.	32	
Sir *Richard Shelten*, K	33	
Sir *George Sherley*, K Bt.	34	
George Sherley, Leic. Eſq; bt.	35	
Sir *Iſaac Sidley*, Kent, K Bt	36	
Sir *Will. Sidley*, Kent, K Bt	37	
Robert L. *Sidney*, E. Leiceſt. *	38	
William Sheffington, Staff. Eſ. Bt	39	
Sir *Hen. Skipworth*, Leic. K Bt	40	
Sir *Tho. Smith*, Kent, K *	41	
Henry L. *Somerſet*, E. Worceſt.	42	
Sir *Charls Somerſet*, K *	43	
Sir *Edward Somerſet*, K *.	44	
Sir *George Speak*, Somerſ. K *	45	

Numb

VVill. L. Spencer, B. Wormleighton, * 46

Sir *Thomas Spencer*, Oxford, K Bt 47

Sir *Henry Spiller*, K 48

Iohn Spiller, Heref. Esq; Bt 49

Sir *VVilliam Spring*, K. 50

Henry L. Stafford 51

VVill. L. Stanley, E. Darby 52

Iames L. Stanley, L. Strange, * 53

Philip L. Stanhoop, E. Chesterfield, * 54

Charls L. Stanhoop, L. Harington, * 55

Sir *Henry Stanhoop*, 1 son to *Philip*, K * 56

Sir *Edward Stanhoop*, York. K * 57

Sir *Edward Stanley*, Lanc. K * 58

Sir *Iohn Stepney*, Pemb. K Bt 59

Sir *Francis Steward*, K * 60

Sir

	Numb.	
Sir *VVilliam Steward*, K*	1	*M*
Sir *Simon Steward*, K	2	
Charls Stewart of Great Britain, France and Ireland, King.	3	
James Stewart, D. Lenox, and E. March.	4	
VValter Stewart, Esq;	5	
Anthony Stinsby, York. Esq. Bt	6	
VVilliam Stonehouse, Berksh. Es. Bt.	7	
John Stonehouse, Berk. Esq.	8	
Edward L. *Storton*, B Storton	9	
Sir *VVilliam Storton*, ejus filius, K*	10	
Sir *John Stowel*, Somers. K*	11	
Sir *John Stradling*, Glamorg. K Bt.	12	
Sir *John Strangwais*, Dors. K	13	
Sir *Humphrey Styles*, Kent, K Bt	14	
Thomas Styles, Kent, Esq. Bt.	15	

Ed-

Numb.

Edward L. *Sutton*, L. Dudley 16

George L. *Talbot*, E. Shrewsbury 17

Sir *Leonel Talmack*, Suff. K Bt 18

Nicolas Tempeſt, Durham. Eſ. Bt 19

Sir *Thomas Temple*, Buck. K Bt 20

Sir *Eubal Thelwel*, K 21

Sir *Thomas Thinne*, K 22

Gifford Thornhuſt, Kent, Eſ. Bt 23

Sir *Th. Throgmorton*, Gloc. Eſ. Bt 24

Sir *Ben. Tichbourn*, Southampton, K Bt 25

Sir *Rich. Tichbourn*, K 26

Sir *Edward Tirrel*, K 27

Sir *Philip Tirwhite*, Linc. K. bt. 28

Mervin L. *Touchet*, *B.* Audley, 29

Sir *Ferdinando Touchet*, K * 30

Sir

Numb.

Sir *Roger Tounſheand*, Norf. K. bt 31 G

Sir *Paul Tracy*, Gloceſt. K Bt 32

John Trelawny, Cornw. Eſq; Bt 33

Sir *Lewis Treſham*, Northã. K Bt 34

Sir *John Trevor*, Wilt. K Bt 35

Sir *James Tryon*, Eſſex, K Bt 36

Nicolas L. *Tuſton*, E. Ile Thanet 37

Sir *John Tuſton*, Kent, K Bt 38

Sir *William Twiſden*, Kent, K Bt 39

George Twiſleton, York. Eſq; Bt 40

Sir *Peter Vanlore*, Beak. *K*. Bt 41

Thomas Vavaſor, York. Eſq; Bt 42

Sir *Richard Vaughan*, *K* * 43

Edw. L. *Vaux*, L. Harringdon 44

Sir *William Veal*, *K* 45

James

	Numb
Robert L. *Vere*, E. Oxford	46
George D. *Villers*, M. Buckingh.	47
Chriſtoph. L. *Villers*, E. Angleſey	48
Iohn L. *Villers*, V. Purbeck	49
Will. Villers, Leic. Eſq; Bt	50
Sir *Francis Vincent*, Sur. K Bt	51
Sir *Thomas Wainman*, Oxf. K	52
Sir *Francis Wainman*, Oxf. K	53
Sir *William Walker*, Staff. K	54
Sir *Henry Wallop*, Southamp. K	55
Sir *Thomas Walſingham*, K	56
Baldwin Wake, Somerſ. Eſ. Bt	57
Hardolph Waſteneys, Nott. K Bt	58
Sir *Lewes Watſon*, Northam. K Bt	59
Th. L. Wentworth, E. Cleveland	60

Tho.

	Numb.	
Th.L.Wentworth,	B.Wentworth 1	*M*
Sir *John Wentworth*,	Eſſex, K Bt 2	
Sir *Peter Wentworth*,	Oxf. K* 3	
VVil. Wentworth,	York. Eſ. Bt 4	
Charls L. VVeſt, *L.*	De-laware 5	
Rich. L. VVeſton, *L.*	Treaſurer 6	
Philip L.VVharton, *B.*	Wharton 7	
Geor.L.Wharton, *B.*	Wharton,* 8	
Sir *Thomas VVharton*,	K* 9	
Sir *Ri.VVilbraham*,	Cheſh.K Bt 10	
VVill.VVilliams,	Caernarv.Eſ.Bt 11	
VVill.L.VVilloughby, *L.*	Parham 12	
Hen.VVilloughby,	Darby, Eſq.Bt 13	
Thom.L.VVindſor, *B.*	Windſor,* 14	
Sir *Antho. VVingfield*,	Suff.K Bt 15	

Sir

Num

Sir *John Winne*, Carnarv. K Bt 16

William Wiſeman, Eſſex, Eſ. Bt 17

Rich. Wiſeman, Eſſex, Eſq; Bt 18

Sir *Marmad. Wivel*, Yor. K Bt 19

Robert Wolſey, Staff. Eſq; Bt 20

Sir *Philip Woodhouſe*, Norf. K Bt 21

Sir *Richard Worſley*, Southã. K Bt 22

Sir *Francis Wortley*, York. K Bt 23

Sir *Thomas Woſſe*, Eſſex, *K* * 24

Edward L. *Wotton*, L. Marely 25

Sir *John Wray*, Linc. K Bt 26

Sir *William Wray*, Cornw, K Bt 27

Sir *Chriſtopher Wray*, *K* 28

Tho. L. *VVriotheſly*, E. Southampt. 29

Iames L. *VVriotheſly*, filius, K Bt 30

Edward

Numb.

Edward Yate, Berksh. Esq; Bt 31 *G*

Sir *Christoph. Yelverton*, K. Iudex 32

William Yelverton, Norf. Esq; Bt 33

Walter Young, Devon. Esq; 34

Sir *John Young*, primogen. K 35

Rich. Young, Flint, Es. Bt. 36

CAP.

Cap. 3.

NOBILITY OF SCOTLAND.

	Numb.
Walter Aſhton, L. Forſax	46
Robert Balfourn, L. Burly	47
Edward Barret, L. Newbrugh	48
Adam Bothuel, L. Holirud-houſe	49
Thomas Boyde, L. Boyde	50
Bruce, L. Kintoſeil	51
Archibald Campbel, E. Argyle	52
Henry Carey, V. Faukland	53
David Carnegay, L. Kinagre	54
Cathcart, L. Cathcart	55
James Colveil, L. Faſtervyems	56
Henry Conſtabil, V. Dunbar	57
Iohn Cranſtone, L. Cranſtone	58
Villiam Crightone, V. Aire	59
Alex. Cunningham, E. Clancarn	60

Vil-

	Numb.
William Douglas, E. Angus	1 *M*
William Douglas, E. Morton	2
William Douglas, V. Drumlanrick.	3
John Drumond, E. Perth	4
John Drumond, L. Maderty	5
Alexander Elphingston, *L.* Elphingston	6
John Elphingstone, *L.* Balmerinock	7
John Elphingstone, *L.* Cooper	8
John L. Erskeine, E. Marre	9
John L. Erskeine, E. Buchan	10
John L. Erskeine, E. Kelly	11
Thomas Fairfax, *L.* Cameron	12
Fleiming, E. Vingtone	13
John Forbs, *L.* Forbs	14
Simeon Foser, L. Levat	15

	Numb.
John Graham, E. Menteith	16
James Graham, E. Montroſs	17
Androu Gray, L. Fovillis	18
George Gordown, M. Huntley	19
John Gordon, E. Southerland	20
John Gordon, V. Melgum	21
James Hamilton, E Abercorn	22
Tho. Hamilton, E. Hadington	23
Francis Hay, E. Atroll	24
George Hay, V. L. Kinfauns	25
John Hay, L. Leſter	26
Iames Honme, E. L. Dungais	27
Iohn Layon, E. Kingkorn	28
Iohn Leſley, E Rother	29
Patrick Liſley, L. Landors	30

Alex.

	Numb.	
Alexander Leviſtone, E. Lintuthgou.	31	G
George Lindſay, E. Crauford	32	
Lindſay, L. Lindſay	33	
Alex Lindſay, L. Spiny	34	
Villian Keith, E. Nariſhall	35	
Iohn Keneday, E. Caſſiles	36	
Robert Ker, E. Roxbrugh	37	
Iohn Ker, E. Lauthean	38	
Iohn Maitland, E. Landerdail	39	
Collen Mack-enzy, E. Seafort	40	
Robert Maxvel, E. Nidſdail	41	
Robert Melveil, L. Melveil	42	
Patrick Murray, E. Tullibardine	43	
Iohn Murray, E. Anandil	44	
David Murray, V. Stormant	45	

	Numb.
Archiba. Napier, L Merchiſtoun	46 *B*
Iames Ogilvey, L. Lintrathin	47
Ogilvey, L. Deskfurd	48
Laurence Oliphant, L. Oliphant	49
Iohn Ramſey, L. Dathouſie	50
Richardſon, B. Craumond	51
Robert Ros, L. Halbet	52
George St. Clare, E. Cathnes	53
Henry Saint Clare, L. Ravenſheogh	54
Iohn Sandlands, L. Torphichin	55
Alexand. Scot, L. Salton	56
Valter Scot, E. Buckeluch	57
Iames Sempil, L. Sempil	58
Alexand. Setton, E. Eglintoun	59
George Setton, E. Vintone	60

	Numb.	
Charls Settone, E. Dunformelein	1	*M.*
Iames Stewart, D. Lenox	2	
Iames Stewart, E. Murrey	3	
Iames Stewart, E. Carriate	4	
Iames Stewart, L. Blantyre	5	
Alex. Stewart, E. Gallouay	6	
Iohn Stewart, L. Traquair	7	
Iohn Veims, L. Elcho.	8	

CAP. 4.

NOBILITY OF IRELAND.

Numb.

Francis Aungier, L. Langford 16 *R*
James Balfour, L. Clun-awley 17
Robert Barnwel, L. Trimleſlon 18
David Barry, E. Barrymore 19
Sabcot Beaumont, V. Swords 20
Rich. Bermingham, L. Ethenry 21
Edward Blany, L. Monagham 22
Montjoy Blunt, L. Montjoy 23
Richard Boyle, E. Cork 24
Lewis Boyle, V. Kinalmeaky 25
Roger Boyle, B. Broghil 26
William Brabazon, E. Eeſtmeath 27
William Breerton, L. Laghlin 28
Richard Burgh, E. Clanricard 29
Theobald Burgh, V. Maia 30

Ed-

	Numb.	
Edmund Burgh, L. Caſtle-Connel	31	G
Thobald Burgh, L. Brittas	32	
Walter Butler, E. Ormond	33	
Richard Butler, V. Montgarret	34	
Edmund Butler, L. Dunboyne	35	
Tho. Butler, L. Calhir	36	
George Calvert, L. Baltimore	37	
William Canfield, L. Charlemont	38	
George Chaworth, V. Ardmagh.	39	
Edw. Chicheſter, V. Charigfergus	40	
Robert Chomley, V. Relles	41	
Edward Comway, V. Killultagh	42	
Iohn Couray, L. Kinſale	43	
Thomas Cromwel, V. Lecale	44	
Robert Digby, L. Geſhel	45	

Numb.

Chriſtoph. Dillon, V. Coſtellaghgalmi. 46
Henry Docwra, L. Culmore 47
Randol. mac Donel, E. Antrim 48
Laurence Eſmond, *L.* Lymerick 49
George Fielding, V. Callan 50
Will. Fitz-William, *L.* Liffer 51
Thomas Fleming, *L.* Slane 52
Henry Folliet, *L.* Balliſhenan 53
George Fits-Gerald, E. Kildare 54
Thomas Fitz-Morrice, *L.* Kerry 55
Fieg-mac-Gilpatrick, *L.* Upper-Offery. 56
Edward Gorges, *L.* Dundalk 57
Ioh. Hamiltone, V. Clanhughboy 58
Hugh Hare, *L.* Colerane 59
Edw. Herbert, *L.* Caſtle-Iſland 60

Wil-

	Numb.
William Hervy, *L.* Roſſe	1 *M*
Oliver Lamber, V. Cavan	2
Adam Loftus, V. Ely	3
Rich. Lumley, V. Waterford	4
Anthony Mac-Enos, V. Evagh	5
Feig-Mac-Gilpatrick, *L.* Upper Offery.	6
William Maynard, *L.* Wicklogh	7
Garet Moor, V. Drogheda	8
Hugh Montgomery, V. Clanhughboy	9
Thomas Fitz-Morrice, *L.* Kerry	10
Will. Mounſon, V. Caſtle-Mayn	11
Robert Neetham, V. Kilmurrey	12
Nicolas Nettervil, V. Dowthe	13
Richard Nugent, E. Weſtmeathe	14
Henry Obrien, E. Thomond	15

Numb.

Morrogh Obrien, L. Inchequin 16
Dermond Omallun, L. Glan-O-mallun. 17
Lucas Plukenet, L. Killeena 18
Patrick Plukenet, L. Duntany 19
Matthew Plukenet, L. Lough 20
Henry Poor, V. Valentia 21
William Pope, E. Down 22
John Power, L. Corragmore 23
Richard Preston, E. Desmone 24
Ienico Preston, V. Gormanstone 25
Thomas Ridgway, E. London-Derry. 26
David Roch, V. Fermoy 27
Tho. Roper, V. Baltinglas 28
Oliver Saint-John, V. Grandison 29
Nicolas S. Laurence, L. Hothe 30

Ni-

Numb.

Nicol. Sanderſon, V. Caſtletown 31 G

Dominic Sarsfield, V. Roſcarbery 32

Thomas Savile, V. Caſtle-Bar 33

John Scudamore, B. Bromore 34

William Sherard, *L.* Letrim 35

Thomas Smith, V. Stranford 36

Thomas Somerſet, V. Caſtile 37

Andrew Steward, L. Caſtle-Steward. 38

Barnham Swift, V. Carlingford 39

Mervin Touchet, E. Caſtlehaven 40

Iohn Vaughan, E. Carbury 41

Iames Villon, E. Roſcommon 42

Richard Wenman, V. Tuan 43

Charles Wilmot, V. Athlome 44

Rich. Wingfield, V. Powerſcourt. 45

Cap. 5.

Orders and Degrees of States.

	Numb.
Dukes of the Blood Royal.	46
Dukes of the inferior rank	47
Eldeſt ſons of Dukes of the Blood Royal,	48
Marqueſſes.	49
Eldeſt ſons of other Dukes.	50
Earls.	51
Yongeſt ſons of Dukes of the Blood Royal.	52
Eldeſt ſons of Marqueſſes.	53
Eldeſt ſons of Earls.	54
Vice-Counts.	55
Younger ſons of Dukes.	56
Younger ſons of Marqueſſes.	57
Barons.	58
Eldeſt ſons of Vice-counts.	59
Knights of S. *George*, or the Garter.	60

Knights

	Numb.
Knights of the Kings Councel.	1 *M*
Younger ſons of Earls.	2
Younger ſons of Vice-Counts.	3
Eldeſt ſons of Barons.	4
Knights Baronets.	5
Knights of the * Bath.	6
Doctors of the Kings Councel.	7
Knights Batchelors.	8
Eſquires of the Kings Councel.	9
Eldeſt ſons of Knights Baronets.	10
Eldeſt ſons of Batchelor Knights.	11
Eſquires of the Body.	12
Younger ſons of Knights Baronets.	13
Eſquires.	14
Gentlemen.	15

Cap. 6.

Officers, Orders, & Degree

of Men and Women, both in Church and Common-weal.

	Numb
Alderman.	16.
Aldermans Deputy.	17
Ancient of the Wars.	18
Archbiſhop.	19
Arch-Deacon.	20
Artillery-man.	21
Aſſiſtant.	22
Atturney.	23
Baron.	24
Baronet.	25
Batchelor of Divinity.	26
Batchelor of Phyſick.	27
Batchelor of Civil Law.	28
Batchelor of Muſick.	29
Batchelor of Arts.	30

Beadſ

	Numb.
Beadſman.	31 G
Beadle.	32
Biſhop.	33
Boatſwain.	34
Captain by Sea.	35
Captain by Land.	36
Captain of the City.	37
Captain of the Country.	38
Canon of a Church.	39
Carver-Sergeant to L. Major.	40
Carver-Sergeants man.	41
Chamberlain of the City.	42
Chamber-Sergeant to L. Major.	43
Chancellor of a Church.	44
Channel-Sergeant to L. Major.	45

	Num.
Chaunter in a Cathedral.	46
Church-Warden.	47
Clark, or Notary.	48
Clark of a Parish.	49
Clark of the Sheriff.	50
Clark of the Papers, the Sheriffs.	51
Clark, common, or of the Town.	52
Common-Councel-man.	53
Common Cryer of the L. Major.	54
Common Cryers man.	55
Common Hunt of the L. Major.	56
Common Hunts-man.	57
Common Sergeant.	58
Constable of the Hundred.	59
Constable of the Parish.	60

Coronel

	Numb.
Coronel at Wars.	1 *M*
Coroner.	2
Corporal of a Ship.	3
Count.	4
Counteſs.	5
Country-man.	6
Country-woman.	7
Coxſwain of a ſhip.	8
Curate.	9
Dean.	10
Deputy-Alderman.	11
Drummer.	12
Duke.	13
Dutcheſs.	14
Doctor of Divinity.	15

	Numb
Doctor of Phyſick.	16
Doctor of the Civil Law.	17
Doctor of Muſick.	18
Earl.	19
Emperor.	20
Empereſs.	21
Eſquire.	22
Farmour.	23
Fore-maſt-men.	24
General.	25
Gentleman.	26
Herald.	27
Huntſman.	28
Husbandman.	29
Informer.	30

	Numb.
Ingrosser.	31 *G*
Judg at Common Law.	32
Judg of Civil Law.	33
Judg Ecclesiastical.	34
Justice in Ayr.	35
Justice of Peace.	36
Justice of Quorum.	37
Justice of both.	38
King.	39
Knight.	40
Knight Baronet.	41
Knight of the Bath.	42
Knight of Saint *George*.	43
Knight of the Shire.	44
Knight of the Post.	45

	Numb
Knight of the Sun.	46
Knight-Marſhal.	47
Lady.	48
Lawyer, Common.	49
Lawyer, Civil.	50
Lievtenant.	51
Lord.	52
Lord Major.	53
Major of City.	54
Major of Town.	55
Mariner.	56
Marqueſs.	57
Maſters of Ships.	58
Maſters-Mates.	59
Meal-weighers of the L. Major.	60

Par-

	Numb.
Parſon of a Pariſh.	1 *M*
Pilot of a ſhip.	2
Pirat at Sea.	3
Porter.	4
Poſt-Horſeman.	5
Poſt-Footman.	6
Prebend.	7
Precenter.	8
Purveyor.	9
Quarter-Gunner.	10
Queen.	11
Regent.	12
Secundary of Sheriff.	13
Sergeant at Arms.	14
Sergeant at Law.	15

	Numb
Sergeant of L. Major.	16
Sergeant, one of the sixteen of the Sheriffs.	17
Sheriff of a City.	18
Sheriff of a County.	19
Sewer.	20
Steward.	21
Surveyor.	22
Town-Clark.	23
Trumpetter.	24
Vicar.	25
Vicount.	26
Water-Bayly.	27
Workman.	28

Cap. 7.

Christian-Names of Men.

	Numb.
Aaron.	31 G
Abel.	32
Abiah.	33
Abiam.	34
Abiathar.	35
Abiel.	36
Abiezer.	37
Abihu.	38
Abijah.	39
Abimelech.	40
Abinadab.	41
Abinoam.	42
Abner.	43
Abraham.	44
Absalom.	45

	Numb.
Adam.	46
Adoniah.	47
Adrian.	48
Æneas.	49
Agabus.	50
Agrippa.	51
Ahab.	52
Ahaz.	53
Ahaziah.	54
Ahiah.	55
Alban.	56
Albert.	57
Aldred.	58
Alexander.	59
Algernon.	60

	Numb.
Alphonſe.	1 *M*
Ambroſe.	2
Aminadab.	3
Amnon.	4
Amon.	5
Ananiah.	6
Ananias.	7
Andrew.	8
Andron. Sc.	9
Angel.	10
Anſelm.	11
Antiochus.	12
Anthony.	13
Apelles.	14
Apollo.	15

	Numb.
Apollonius.	16
Aquila.	17
Archelaus.	18
Archibald.	19
Aretas.	20
Arias.	21
Ariſtarchus.	22
Arnold.	23
Arthur.	24
Auguſtine.	25
Auguſtus.	26
Azariah.	27
Azariel.	28
Baldwin.	29
Bampfield.	30

	Numb.
Baptiſt.	31 G
Bardulph.	32
Barnabas.	33
Barnaby.	34
Barnham.	35
Bartholomew.	36
Baruch.	37
Baſil.	38
Bede.	39
Benet.	40
Benjamin.	41
Bernard.	42
Beauchamp.	43
Bevil.	44
Bevis.	45

	Numb.
Bonaventure.	46 B
Bonham.	47
Bryan.	48
Bullen.	49
Butts.	50
Caius.	51
Caleb.	52
Capel.	53
Cephas.	54
Cæsar.	55
Charls.	56
Christopher.	57
Claudius.	58
Clement.	59
Collen.	60

	Numb.
Conradus.	1 M
Conſtantine.	2
Conſtantius.	3
Cornelius.	4
Criſpus.	5
Cuthbert.	6
Cyprian.	7
Cyrenius.	8
Cyril.	9
Daniel.	10
Darius.	11
David.	12
Demetrius.	13
Demophoon.	14
Dennis.	15

	Numb.
Denſel.	16 R
Derrick.	17
Dermond.	18
Dominick.	19
Drue.	20
Drugo.	21
Dudley.	22
Duncan.	23
Dunſtan.	24
Dutton.	25
Edmund.	26
Edward.	27
Eliah.	28
Elias.	29
Eliſha.	30

	Numb.
Ellis.	31 G
Elmer.	32
Elnathan.	33
Ely.	34
Emmanuel.	35
Ephraim.	36
Eraſmus.	37
Evan.	38
Eubal.	39
Eſtace.	40
Ezekias.	41
Ezekiel.	42
Fabian.	43
Ferdinando.	44
Feſtus.	45

	Numb.
Fieg.	46 B
Fieg-mac.	47
Florence.	48
Fœlix.	49
Fortunatus.	50
Foulk.	51
Fowler.	52
Francis.	53
Frederick.	54
Fulk.	55
Gabriel.	56
Gaius.	57
Gamaliel.	58
Garret.	59
Gedaliah.	60

	Numb.
Gedeon.	1 M
Geffrey.	2
George.	3
Germane.	4
Gerrard.	5
Gervaſe.	6
Gifford.	7
Gilbert.	8
Giles.	9
Goafrey.	10
Godwin.	11
Gregory.	12
Grey.	13
Griffith.	14
Guido.	15

	Numb.
Guy.	16 R
Habel.	17
Hadrian.	18
Hannibal.	19
Harbottle.	20
Hardolph.	21
Harhold.	22
Harman.	23
Hawton.	24
Hector.	25
Helias.	26
Heman.	27
Henoch.	28
Henry.	29
Herbert.	30

	Numb.
Hercules.	31 G
Hermes.	32
Hervy.	33
Hezekias.	34
Hierom.	35
Hilary.	36
Homer.	37
Horace.	38
Hoſea.	39
Howel.	40
Hubert.	41
Hugh.	42
Humfrey.	43
Jacob.	44
James.	45

	Numb.
Jason.	46 B
Jasper.	47
Jeconias.	48
Jefferey.	49
Jenico.	50
Jerom.	51
Jeremy.	52
Iguatius.	53
Ihone. Sc.	54
Job.	55
John.	56
Jonas.	57
Jonathan.	58
Joel.	59
Joscelin.	60

	Numb.
Joseph.	1 M
Joshuah.	2
Josias.	3
Isaac.	4
Israel.	5
Judah.	6
Jude.	7
Julius.	8
Kellam.	9
Kenelm.	10
Lambert.	11
Lancelot.	12
Laurence.	13
Lazarus.	14
Leonard.	15

	Numb.
Leonel.	16
Lewis.	17
Livin.	18
Lodowick.	19
Lucas.	20
Luke.	21
Madock.	22
Malachy.	23
Manasseh.	24
Mark.	25
Marmaduke.	26
Martin.	27
Marvin.	28
Matthew.	29
Matthias.	30

	Numb.
Maximilian.	31 G
Maximus.	32
Melchiſedec.	33
Mercury.	34
Meredith.	35
Merick.	36
Merven.	37
Michael.	38
Miles.	39
Morgan.	40
Morrice.	41
Morrogh.	42
Moſes.	43
Mountagne.	44
Mont:joy.	45

	Numb.
Mount-joy.	46 B
Myldmay.	47
Narah.	48
Nathan.	49
Nathaniel.	50
Nehemiah.	51
Nicanor.	52
Nicodemus.	53
Nicolas.	54
Noah.	55
Noell.	56
Normon.	57
Obadiah.	58
Obed.	59
Oliver.	60

	Numb.
Olympas.	1 M
Oneſimus.	2
Oneſiphorus.	3
Origen.	4
Oſburn,	5
Oſbert.	6
Oſmund.	7
Otho.	8
Owen.	9
Parmenas.	10
Paſchal.	11
Patrick.	12
Patrobas.	13
Patroclus.	14
Paul.	15

	Numb.
Paulin.	16 R
Rawlet.	17
Perce.	18
Percival.	19
Peregrin.	20
Peter.	21
Philbert.	22
Philemon.	23
Philip.	24
Posthumus.	25
Poynings.	26
Price.	27
Quintin.	28
Ralph.	29
Randal.	30

	Numb.
Randol-mac.	31 G
Raphael.	32
Raymund.	33
Reuben.	34
Reynold.	35
Rice.	36
Richard.	37
Robert.	38
Roger.	39
Romane.	40
Rouland.	41
Sabcot.	42
Sackvil.	43
Saint-Iohn.	44
Salomon.	45

	Numb.
Sampſon.	46 B
Samuel.	47
Saul.	48
Sebaſtian.	49
Sigiſmund.	50
Silvanus.	51
Silveſter.	52
Silvius.	53
Simeon.	54
Simon.	55
Spencer.	56
Stephen.	57
Swithin.	58
Sydney.	59
Talbot.	60

	Numb.
Theobald.	1 M
Theodore.	2
Theodorick.	3
Theodosius.	4
Theophilus.	5
Thomas.	6
Tichicus.	7
Tiego.	8
Timothy.	9
Titus.	10
Tobiah.	11
Tobias.	12
Toby.	13
Tristram.	14
Trophimus.	15

	Numb.
Tychicus.	16
Valens.	17
Valentine.	18
Valter. Sc.	19
Villiam. Sc.	20
Vincent.	21
Vital.	22
Vvian.	23
Vrbanus.	24
Vriah.	25
Walter.	26
Walwin.	27
Warin.	28
Warren.	29
Welfred.	30

	Numb.
William.	31 G
Willibald.	32
Wimund.	33
Ythel.	34
Zachary.	35
Zacheus,	36
Zephany.	37

CAP.

CAP. 5.

Christian-Names of Women.

	Numb.
ABigail.	46 B
Adelin.	47
Agatha.	48
Agnis.	49
Alice.	50
Amie.	51
Anchoret.	52
Angelet,	53
Anne.	54
Annis.	55
Anstice.	56
Arbella.	57
Audrey.	58
Avice.	59
Barbara.	60

Bath-

	Numb.
Bathsheba.	1 M
Beatrice.	2
Benet.	3
Blanche.	4
Briget.	5
Cassandra.	6
Chara.	7
Charity.	8
Christian.	9
Cicely.	10
Clare.	11
Constance.	12
Daphne.	13
Deborah.	14
Denis.	15

	Numb.
Diana.	16
Dido.	17
Dorcas.	18
Dorothy.	19
Douſable.	20
Douſe.	21
Duella.	22
Eadith.	23
Elkanor.	24
Elhena.	25
Eliza.	26
Elizabeth.	27
Emm.	28
Evah.	29
Faith.	30

	Numb.
Febe.	31 G
Felice.	32
Fillida.	33
Florence.	34
Fortune.	35
Frances.	36
Frideſwid.	37
Gillian.	38
Gillet.	39
Godly.	40
Grace.	41
Griſhield.	42
Guinifrid.	43
Hagar.	44
Hannah.	45

	Numb.
Helenah.	46 B
Helen.	47
Heſter.	48
Hevah.	49
Hope.	50
Jacomina.	51
Jane.	52
Jennet.	53
Joan.	54
Joyce.	55
Iſabella.	56
Iſabell.	57
Judith.	58
Julia.	59
Katherine.	60

	Numb.
Leah.	1 M
Lettice.	2
Love.	3
Lucy.	4
Lucrece.	5
Lucretia.	6
Lydia.	7
Mabell.	8
Magdelen.	9
Margaret.	10
Margery.	11
Marrian.	12
Martha.	13
Maria.	14
Mary.	15

	Numb.
Mawd.	16 R
Mercy.	17
Mildred.	18
Nicia.	19
Nichola.	20
Nicolas. Sc.	21
Olive.	22
Olympia.	23
Parnel.	24
Patience.	25
Penelope.	26
Philadelphia.	27
Philip.	28
Phillida.	29
Phillis.	30

	Numb.
Phœbe.	31 G
Priſcilla.	32
Prudence.	33
Rachel.	34
Rebecca.	35
Roſacleer.	36
Roſamund.	37
Roſe.	38
Sabina.	39
Sanchia.	40
Sarah.	41
Scolaſtica.	42
Sophia.	43
Sophronia.	44
Suſanna.	45

	Numb.
Sybilla.	46 B
Tabitha.	47
Tace.	48
Tamar.	49
Taphnes.	50
Temperance.	51
Thamar.	52
Theodosia.	53

CAP.

Cap. 9.

Callings and Occupations, Trades and Professions of Men and Women.

	Numb.
Ale-brewer.	1 *M*
Ale-seller.	2
Almanack-maker.	3
Almanack-seller.	4
Anchor-maker.	5
Apothecary.	6
Apprentice.	7
Aquavitæ-man.	8
Armorer.	9
Assistant.	10
Attourney.	11
Baker.	12
Ballad-man.	13
Ballad-singer.	14
Barbar.	15

Barbar-

	Numb.
Barber-Chirurgian.	16 *R*
Basket-maker.	17
Bayliff.	18
Bell-founder.	19
Bellows-maker.	20
Bell-man.	21
Bitt-maker.	22
Blackſmith.	23
Bone-lace-ſeller.	24
Body-maker.	25
Book-binder.	26
Book-ſeller.	27
Botcher.	28
Bowl-maker.	29
Box-maker.	30

	Numb.
Bowyer.	31 *G*
Brasier.	32
Brewer.	33
Brick-layer.	34
Brick-maker.	35
Broker.	36
Broom-man.	37
Brush-maker.	38
Buckle-maker.	39
Bugle-maker.	40
Butcher.	41
Button-maker.	42
Button-seller.	43
City Captain.	44
Sea Captain.	45

	Numb.
Calender-man.	46 *B*
Card-maker.	47
Car-man.	48
Carpenter.	49
Carrier.	50
Carter.	51
Carver.	52
Champion.	53
Chandler.	54
Chapman.	55
Cheese-monger.	56
Chyrurgion.	57
Clasp-maker.	58
Cloke-maker.	59
Clock-maker.	60

	Numb.
Clothier.	1 *M*
Cloth-worker.	2
Coach-maker.	3
Coach-man.	4
Cobler.	5
Cole-man.	6
Collier.	7
Comb-maker.	8
Comfet-maker.	9
Confectioner.	10
Controller.	11
Cook.	12
Cooper.	13
Copper-ſmith.	14
Corn-meter.	15

	Numb.
Coſter-munger.	16 R
Counſeller.	17
Cryer.	18
Crosbow-maker.	19
Curryer.	20
Cuſtomer.	21
Cuſtom-houſe-man.	22
Cutler.	23
Damasker.	24
Dancer.	25
Divine.	26
Draper of linnen cloth.	27
Draper of woolen.	28
Drawer of Cloth.	29
Drawer of Wine.	30

	Numb.
Drayman.	31 G
Dyal-maker.	32
Dye-maker.	33
Dyer of Hats.	34
Dyer of Linnen.	35
Dyer of Sylk.	36
Dyer of Thread.	37
Dyer of Woollen.	38
Farryer.	39
Farthingale-maker.	40
Feather-maker.	41
Fel-monger.	42
Felt-maker.	43
Fidler.	44
Fisher-man.	45

	Numb.
Fiſh-hook-maker.	46 B
Fiſhmonger.	47
Flax-dreſſer.	48
Fletcher.	49
Founder.	50
Fowler.	51
Fringe-maker.	52
Frubber.	53
Fruterer.	54
Furryer.	55
Fuſtian-dreſſer.	56
Fuſtian-weaver.	57
Gardiner.	58
Glaſier.	59
Glaſs-maker.	60

	Numb.
Glaſs-mender.	1 *M*
Glaſs-ſeller.	2
Globe-maker.	3
Glover.	4
Gold-finder.	5
Gold-ſmith.	6
Graver.	7
Grocer.	8
Guilder.	9
Gun-maker.	10
Gunner.	11
Gunſtock-maker.	12
Haberdaſher of Hats.	13
Haberdaſher of ſmall wares.	14
Halberd-maker.	15

Harneſs-

	Numb.
Harneſs-maker.	16 *R*
Haſſack-maker.	17
Hat-maker.	18
Hemp-beater.	19
Hemp-dreſſer.	20
Horner.	21
Horſe-courſer.	22
Hoſier.	23
Hoſtler.	24
Hotpreſſer.	25
Jack-ſmith.	26
Jeweller.	27
Imbroderer.	28
Inkhorn-maker.	29
Ink-man.	30

	Numb.
Inn-keeper.	31 G
Inſtrument-maker.	32
Journyman.	33
Iron-monger.	34
Knife-maker.	35
Knife-ſeller.	36
Labourer.	37
Laſt-maker.	38
Lattener.	39
Lawyer.	40
Leather-dreſſer.	41
Leather-ſeller.	42
Linnen-Draper.	43
Lock-ſmith.	44
Magiſtrate.	45

	Numb.
Maltſter.	46 B
Map-man.	47
Mariner.	48
Marking-ſtone-man.	49
Maſon.	50
Mathematician.	51
Mat-man.	52
Meal-man.	53
Mercer.	54
Merchant.	55
Merchant-Taylor.	56
Millener.	57
Miniſter.	58
Minſtrel.	59
Mint-man.	60

	Numb.	
Mole-catcher.	1	*M*
Muſician.	2	
Nayler.	3	
Needle-maker.	4	
Net-maker.	5	
Oatmeal-ſeller.	6	
Oyl-man.	7	
Oyſter-man.	8	
Painter.	9	
Paper-maker.	10	
Paſteboard-maker.	11	
Pavyer.	12	
Pedler.	13	
Perfumer.	14	
Periwig-maker.	15	

Pew-

	Numb.
Pewterer.	16
Physician.	17
Piccadel-maker.	18
Picture-maker.	19
Pin-maker.	20
Plasterer.	21
Plummer.	22
Pomp-maker.	23
Porter.	24
Potter.	25
Poulterer.	26
Printer	27
Rat-chatcher.	28
Rope-maker.	29
Rope-seller.	30

Sadler

	Numb.
Sadler.	31 G
Salter.	32
Saltpeterman.	33
Sattin-weaver.	34
Sawyer.	35
Sayler.	36
Scaberd-maker.	37
School-master.	38
Scholer.	39
Scrivener	40
Seal-maker.	41
Seamster.	42
Seedman.	43
Shear-grinder.	44
Shear-maker.	45

	Numb.
Shear-man.	46 *B*
Sheath-maker.	47
Ship-Carpenter.	48
Shoo-maker.	49
Silk-Dyer.	50
Silk-man.	51
Silk-weaver.	52
Silver-ſmith.	53
Sive-man.	54
Smith.	55
Sope-boyler.	56
Spectacle-maker.	57
Spurryer.	58
Stapler.	59
Starch-maker.	60

	Numb.
Stationer.	1 *M*
Stocking-mender.	2
Stone-cutter.	3
Surgeon, or Chirurgeon.	4
Surveyor.	5
Tabacco-Seller.	6
Tabacco-pipe-maker.	7
Tallow-Chandler.	8
Tanner.	9
Tapster.	10
Taylor.	11
Tennis-ball-maker.	12
Tennis-Court-man.	13
Tent-maker.	14
Thatcher.	15

	Numb.
Thimble-maker.	16
Thred-maker.	17
Throſter of ſilk.	18
Tinker.	19
Tripe-ſeller.	20
Trunk-maker.	21
Turner.	22
Tyre-maker.	23
Vineger-man.	24
Vintner.	25
Virginal-maker.	26
Vpholſter.	27
Watch-maker.	28
Water-bearer.	29
Water-man.	30

	Numb.
Wax-Chandler.	31 *G*
Weaver.	32
Wheel-wright.	33
Wier-drawer.	34
Wine-Cooper.	35
Wood-cleaver.	36
Wood-man.	37
Wood-monger.	38
Wool-man.	39
Woollen-Draper.	40

CAP. 10.

The particular Shires within the Kings Dominions of *Great Britain* and *Ireland*, wherein his Majesties Subjects are born.

The Numbers on the left hand of the Shires, shew the Parish-Churches contained in the said Shire.

ENGLAND.

Parishes.		*Numb.*
140	B*Ark-shire.*	46 B
116	B*Bedfordshire.*	47
185	*Buckinghamshire.*	48
163	*Cambridg-shire.*	49
68	*Cheshire.*	50
161	*Cornwal.*	51
58	*Cumberland.*	52
106	*Derbyshire.*	53
394	*Devonshire.*	54
248	*Dorsetshire.*	55
415	*Essex.*	56
280	*Glocester.*	57
120	*Hartfordshire.*	58
176	*Herefordshire.*	59
78	*Huntingdonshire.*	60

Parishes.		*Numb.*
398	*Kent.*	1 *M*
36	*Lancashire.*	2
200	*Leicestershire.*	3
630	*Lincolnshire.*	4
73	*Middlesex.*	5
660	*Norfolk.*	6
320	*Northamptonshire.*	7
168	*Northumberland.*	8
168	*Nottinghamshire.*	9
280	*Oxfordshire.*	10
104	*Richmondshire.*	11
47	*Rutland.*	12
170	*Shropshire.*	13
385	*Somersetshire.*	14
253	*Southampton.*	15

Parishes.		Numb.
130	*Staffordshire.*	16
575	*Suffolk.*	17
140	*Surrey.*	18
312	*Sussex.*	19
158	*Warwick-shire.*	20
26	*Westmerland.*	21
304	*Wiltshire.*	22
152	*Worcestershire.*	23
459	*York-shire.*	24

Ireland.

	Connaught.	27
	Linster.	28
	Munster.	29
	Ulster.	30

Wales

Parishes.

Wales.

		Numb.
74	*Anglesey.*	31 G
61	*Brecknock.*	32
64	*Cardigan.*	33
87	*Carmarthen.*	34
68	*Carnarvan.*	35
118	*Clamorgan.*	36
57	*Denbigh.*	37
28	*Flint.*	38
37	*Merioneth.*	39
127	*Monmouth.*	40
47	*Mountgomery.*	41
145	*Pembrook.*	42
52	*Radnor.*	43

Cap. II.

Colledges and Halls in Oxford & Cambridg.

Built Ann.		*Numb.*
	Albane Hall, Oxf.	46 *B*
1437	*All-Souls Col.* Oxf.	47
1263	*Bayliol Col.* Oxf.	48
1513	*Brasen-Nose Coll.* Oxf.	49
	Broadgate Hall, or *Pembrook Coll.* Oxf.	50
1557	*Caius Coll.* Camb.	51
1526	*Christs-Church*, Oxf.	52
1506	*Christs Coll.* Camb.	53
1326	*Clare Hall*, Camb.	54
1516	*Corpus Christi Col.* Oxf.	55
1344	*Corpus Christi Col.* Camb.	56
	Edmund Hall, Oxf.	57
1588	*Emmanuel Col.* Camb.	58
1316	*Exceter Coll.* Oxf.	59
	Glocester Hall, Oxf.	60

Built		Numb.
1316	*Hart Hall*, Oxf.	1
	Jesus Coll. Oxf.	2
1504	*Jesus Coll.* Camb.	3
1557	*Saint Johns Col.* Oxf.	4
	Saint Johns Col. Camb.	5
1459	*Katharin Hall*, Camb.	6
1441	*Kings Col.* Camb.	7
1371	*Kings Hall*, Camb.	8
1420	*Lincoln Col.* Oxf.	9
1456	*Magdalen Col.* Oxf.	10
1456	*Magdalen Hall*, Oxf.	11
1509	*Magdalen Hall*, Camb.	12
1276	*Martin Col.* Oxf.	13
	St. Mary Hall, Oxf.	14
1324	*Michael House*, Camb.	15

Built.		Numb.
1375	*New Coll.* Oxf.	16 R
	New Inn. Oxf.	17
1323	*Oriel Coll.* Oxf.	18
	Pembrook Coll. Oxf.	19
1376	*Pembrook Hall.* Camb.	20
1280	*Peter-House.* Camb.	21
1349	*Queens Coll.* Oxf.	22
1448	*Queens Coll.* Camb.	23
	Sigebert Coll. Camb.	24
1556	*Trinity Coll.* Oxf.	25
1354	*Trinity Hall.* Camb.	26
1546	*Trinity Coll.* Camb.	27
872	*University Coll.* Oxf.	28
1613	*Wadham Coll.* Oxf.	29
	White Hall. Oxf.	30

Cap. 12.

Houſes of Students of the Common Laws, within the Liberties, and without.

	Numb.
Bernards Inn, in Oldborn.	31 *G*
Clements Inn, a Houſe of Chancery, in the Liberties of Weſtminſter.	32
Cliffords Inn, in Fleetſtreet, a Houſe of Chancery.	33
Furnivals Inn, in Oldborn, a Houſe of Chancery.	34
Grays Inn, in Oldborn, a Houſe of Court, without the Liberties.	35
Inner Temple, in Fleetſtreet, a Houſe of Court.	36
Lincolns Inn, in Chancery Lane, a Houſe of Court, without the Liberties.	37

Lyons

	Numb.
Lyons Inn, a houſe of Chancery, in the Liberty of Weſtm.	38
Middle Temple, in Fleetſtreet, a Houſe of Court.	39
New Inn, a Houſe of Chancery, in the Liberty of VVeſtm.	40
Sergeants Inn, in Fleetſtr.	41
Sergeants Inn, in Chancery lane, for Judges and Sergeants onely.	42
Staple Inn, in Oldborn, a Houſe of Chancery, in Libert.	43
Temple, in Fleetſtr.	44
Thavids Inn, in Oldborn, a Houſe of Chancery.	45

Cap. 13.

Wards within the Liberties, and without the City of *LONDON*.

The

The number of Parishes in every of the 26. Wards.

E. is East, W. is West, Walb. is Walbrook, * within and without the walls, *a* within the walls, *b* without the walls.

Parishes		*Numb*
3	*Aldgate Ward*, E of Walb.	1 *M*
6	*Alderſgate*, * West of Walb.	2
1	*Baſſings Hall Ward*, W. of Wal.	3
5	*Billingsgate*, E of Walb.	4
3	*Biſhopſgate*, E. of Walb. *	5
4	*Breadſtreet*, W. of Walb.	6
4	*Bridg-Ward*, E. of Walb. *a.*	7
3	*Broadſtreet*, E. of Walb.	8
5	*Candlewickeſtreet Ward*, E	9
4	*Caſtle Baynard*, W. of Walb.	10
7	*Cheapſide Ward*, *W.* of Walb.	11
4	*Colemanſtreet*, *W.* of Walb.	12
3	*Cordwaynerſtreet*, *W.* of Walb.	13
2	*Cornhill*, E. of Walb.	14
6	*Cripplegate*, *W.* of Walb. *	15

8 *Down-*

		Numb.
8	*Downgate*, E. of Walb.	1 *M*
9	*Farringdon*, W. of Walb. *a.*	2
7	*Farringdon*, W. of Walb. *b.*	3
5	*Langbourn*, E. of Walb.	4
1	*Limeſtreet*, E. of Walb.	5
3	*Portſoken*, E. of Walb. *b.*	6
7	*Queenhithe*, W. of Walb.	7
4	*Southwark*, W. of Walb. *b.*	8
3	*Tower-ſtreet*, E. of Walb.	9
4	*Vintry*, W. of Walb.	10
8	*Walbrook Ward.*	11

CAP.

Cap. 14.

Halls belonging to the ſeveral Companies, and where ſcituated in *London*.

	Numb.
Armorers Hall, in Colemanſtreet	16 *R*
Bakers, in Harp, or Heart-lane	17
Bakewel, or *Blackwel*, by Guildh.	18
Barbar-Chirurg. W. of Noble-ſt.	19
Baſſings Hall, by Bakewel Hall	20
Blackſmiths Hall, Lambert Hill	21
Blackwel, or *Bakewel Hall.*	22
Bladers, or *Bladeſmiths.*	23
Bowyers, in Monkſwell-ſtreet.	24
Brewers, in Addle-ſtreet.	25
Bricklayers, in Fenchurch-ſtr.	26
Butchers, in Chick-lane.	27
Carpenters, in Alhallows on wal.	28
Chandlers. See *Tallow.*	29
Chirurgions. See *Barbar.*	30

Clarks

	Numb.	
Clarks, in Biſhopſgate-ſtreet.	31	G
Clarks of Pariſhes, Vintry ward.	32	
Clothworkers, in Mincheon-lane.	33	
Coopers Hall,	34	
Cutlers Hall, in the Vintry.	35	
Dyers, in Downgate ward.	36	
Drapers, in Broadſtreet.	37	
Fiſhmongers, in Thameſtr. by L.B	38	
Fletchers, in St. *Maries*-ſtreet	39	
Founders, in Lothbury	40	
Fruterers, in Worceſter place	41	
Gerrard, or *Giſors*, Baſing-lane	42	
Girdlers Hall.	43	
Glaſiers, in Kerion-lane	44	
Grocers, in Conyhoop-lane	45	

Im-

	Numb.
Imbroyderers, Gutter-lane	46 B
Inne-holders, in Elbow-lane	47
Joyners, Frier-lane, Downg. ward	48
Ironmongers, Fenchurchſtr.	49
Leaden Hall, in the ſame ſtreet	50
Leatherſellers, in S. *Hellens*	51
Maſons, in Baſſings Hall ward	52
Marchant Taylors, Broadſt. ward	53
Paynter Stayners, Trinity-lane	54
Pariſh Clarks, Vintry ward	55
Peperers. See *Grocers*	56
Pewterers, Limeſtreet	57
Plummers, Anchor-lane.	58
Sadlers Hall.	59
Skinners, by Downgate.	60

Sta-

	Numb.
Stationers Hall, by the Biſhop of Lond palace.	1
Tallow-Chandlers, Downgate-ſtreet.	2
Taylors and *Linnen Armorers*, in Broad-ſtreet ward.	3
Vintners, in Thames-ſtreet, by the Vintry.	4
Weavers.	5
Woodmongers, by Pauls Wharf Hill.	6

M

CAP.

Cap. 15.

Parishes within the City, and Suburbs of *London*.

		Numb.	
1	*Albans Woodstreet.*	16	R
2	*Alhallows Barking.*	17	
3	*Alhallows Broadstreet.*	18	
4	*Alhallows great.*	19	
5	*Alhallows Hony-lane.*	20	
6	*Alhallows less.*	21	
7	*Alhallows Oteswich, Lumbar*	22	
8	*Alhallows Stanechurch.*	23	
9	*Alhallows on the wall.*	24	
10	*Alphage.*	25	
11	*Andrew Hubbert.*	26	
12	*Andrew Vndershaft, or Christs*	27	
13	*Andrew Wardrope.*	28	
14	*Anne Aldersgate.*	29	
15	*Anne Blackefriers.*	30	

		Numb.	
16	*Antholines.*	31	G
17	*Bartholomew Exchange.*	32	
18	*Bennet Finck.*	33	
19	*Bennet Graſſe church.*	34	
20	*Bennet Pauls Wharf.*	35	
21	*Bennet Sherehog.*	36	
22	*Botolph Billinſgate.*	37	
23	*Chriſts Church.*	38	
24	*Chriſtophers by the Exchang.*	39	
25	*Clements Eaſtcheap.*	40	
26	*Dionis Back-Church.*	41	
27	*Dunſtans in the Eaſt.*	42	
28	*Edmunds Lumbardſtreet.*	43	
29	*Ethelborough.*	44	
30	*Faiths under Pauls.*	45	

		Numb.
31	*Forſters by Cheapſide.*	46 *B*
32	*Gabriel Fenchurch.*	47
33	*George Buttolph-lane.*	48
34	*Gregories by Pauls.*	49
35	*Hellens by Biſhopſgate.*	50
36	*James Dukes place.*	51
37	*James Garlick hithe.*	52
38	*John Baptiſt.*	53
39	*John Evangeliſt.*	54
40	*John Zachary.*	55
41	*Katherine Coleman-ſtreet.*	56
42	*Katherine Creechurch.*	57
43	*Lawrence Jewry.*	58
44	*Lawrence Pountney.*	59
45	*Leonard Eaſtcheap.*	60

		Numb.
46	*Leonard Foſter-lane.*	1 *M*
47	*Magnus Pariſh.*	2
48	*Margaret Lothbury.*	3
49	*Margaret Moſes.*	4
50	*Margaret New Fiſhſtr.*	5
51	*Margaret Pattons.*	6
52	*Mary Abchurch.*	7
53	*Mary Aldermanbury.*	8
54	*Mary Aldermary.*	9
55	*Mary le Bow.*	10
56	*Mary Bothaw.*	11
57	*Mary Colechurch.*	12
58	*Mary Hill.*	13
59	*Mounthaw.*	14
60	*Mary Somerſet.*	15

		Numb.
61	*Mary Stainings.*	16 R
62	*Mary Woolchurch.*	17
63	*Martins Ironmonger.*	18
64	*Martins Ludgate.*	19
65	*Martins Orgars.*	20
66	*Martins Outwich.*	21
67	*Martins Vintry.*	22
68	*Matthew Fridayſtreet.*	23
69	*Maudlins Milkſtreet.*	24
70	*Maudlins Old Fiſh-ſtreet.*	25
71	*Michael Baſſiſhaw.*	26
72	*Michael Cornhil.*	27
73	*Michael Crooked-lane.*	28
74	*Michael Queenhithe.*	29
75	*Michael Quern.*	30

	Numb.
76 *Michael Royal.*	31 G
77 *Michael Woodſtreet.*	32
78 *Mildred Bredſtreet.*	33
79 *Mildred Poultrey.*	34
80 *Nicolas Acons.*	35
81 *Nicolas Cole-abby.*	36
82 *Nicolas Olaves.*	37
83 *Olaves Hart-ſtreet.*	38
84 *Olaves Old Jewry.*	39
85 *Olaves Silver-ſtreet.*	40
86 *Pancras Soper-lane.*	41
87 *Peters Cheapſide.*	42
88 *Peters Cornhill.*	43
89 *Peters Pauls Wharf.*	44
90 *Peters Poor Broadſtr.*	45

91 *Ste-*

		Numb.
91	*Stephen Coleman-ſtreet.*	46 *B*
92	*Stephen Walbrook.*	47
93	*Swithens.*	48
94	*Thomas Apoſtle.*	49
95	*Trinity Pariſh.*	50

Suburbs.

1	*Andrews Holborn.*	51
2	*Bartholmew Great.*	52
3	*Bartholmew Leſs.*	53
4	*Brides Pariſh.*	54
5	*Bridewel Precinct.*	55
6	*Botolph Alderſgate.*	56
7	*Botolph Aldgate.*	57
8	*Botolph Biſhopſgate.*	58
9	*Dunſtanes Weſt.*	59
10	*George Southwark.*	60

		Numb.
11	*Giles Creeplegate.*	1 *M*
12	*Olaves Southwark.*	2
13	*Saviours Southwark.*	3
14	*Sepulchre Pariſh.*	4
15	*Thomas Southwark.*	5
16	*Trinity Minories.*	6

9 Out-pariſhes.

1	*Clement Danes.*	7
2	*Giles in the Fields.*	8
3	*James at Clarkenwel.*	9
4	*Katherines at the Tower.*	10
5	*Leonards Shoreditch.*	11
6	*Martins in the Fields.*	12
7	*Mary Whitechappel.*	13
8	*Magdalens Bermondſ.*	14
9	*Savoy Pariſh.*	15

Cap. 16.

To know the year in which any one was born, and how many years are expired after, or have been before the year of our Lord, 1631.

Years of our Lord	*Antedate.*	*Nũb.*
1550	81	16 *R*
1551	80	17
1552	79	18
1553	78	19
54	77	20
1555	76	21
56	75	22
57	74	23
58	73	24
59	72	25
1560	71	26
1561	70	27
62	69	28
63	68	29
64	67	30

Years of our Lord.	*Antedate.*	*Numb.*
1565	66	31 G
66	65	32
67	64	33
68	63	34
69	62	35
1570	61	36
71	60	37
72	59	38
73	58	39
74	57	40
1575	56	41
76	55	42
77	54	43
78	53	44
79	52	45

1580

Years of our Lord.	Antedate.	Numb.
1580	51	46 B
81	50	47
82	49	48
83	48	49
84	47	50
1585	46	51
86	45	52
87	44	53
88	43	54
89	42	55
1590	41	56
91	40	57
92	39	58
93	38	59
94	37	60

Years of our Lord.	Antedate.	Numb.
1595	36	1 M
96	35	2
97	34	3
98	33	4
99	32	5
1600	31	6
01	30	7
02	29	8
03	28	9
04	27	10
1605	26	11
06	25	12
07	24	13
08	23	14
09	22	15

1610

Years of our Lord.	Antedate.	Numb.
1610	21	16 R
11	20	17
12	19	18
13	18	19
14	17	20
1615	16	21
16	15	22
17	14	23
18	13	24
19	12	25
1620	11	26
21	10	27
22	9	28
23	8	29
24	7	30

1625

Years of our Lord.	*Antedate.*	*Numb.*
1625	6	31 G
26	5	32
27	4	33
28	3	34
29	2	35
1630	1	36
	Postdate.	
1631	0	37
32	1	38
33	2	39
34	3	40
1635	4	41
36	5	42
37	6	43
38	7	44
39		45
		1640

Years of our Lord.	Postdate.	Numb.
1640	9	46 B
41	10	47
42	11	48
43	12	49
44	13	50
1645	14	51
46	15	52
47	16	53
48	17	54
49	18	55
1650	19	56
51	20	57
52	21	58
53	22	59
54	23	60

Years of our Lord.	Postdate.	Numb.
1655	24	1 M
56	25	2
57	26	3
58	27	4
59	28	5
1660	29	6
61	30	7
62	31	8
63	32	9
64	33	10
1665	34	11
66	35	12
67	36	13
68	37	14
69	38	15

Years of our Lord.	Postdate.	Numb.
1670	39	16 R
71	40	17
72	41	18
73	42	19
74	43	20
1675	44	21
76	45	22
77	46	23
78	47	24
79	48	25
1680	49	26
81	50	27
82	51	28
83	52	29
84	53	30

1685

Years of our Lord.	Postdate.	Numb.
1685	54	31 G
86	55	32
87	56	33
88	57	34
89	58	35
1690	59	36
91	60	37
92	61	38
93	62	39
94	63	40
1695	64	41
96	65	42
97	66	43
98	67	44
99	68	45

1700

Years of our Lord.	Postdate.	Numb.
1700	69	46 B
01	70	47
02	71	48
03	72	49
04	73	50
1705	74	51
06	75	52
07	76	53
08	77	54
09	78	55
1710	79	56
11	80	57
12	81	58
13	82	59
1714	83	60

1715

Years of our Lord.	*Postdate.*	*Numb.*
1715	84	1 M
16	85	2
17	86	3
18	87	4
19	88	5
1720	89	6
21	90	7
22	91	8
23	92	9
24	93	10
1725	94	11
26	95	12
27	96	13
28	97	14
1729	98	15

1730

Years of our Lord.	Postdate.	Numb.
1730	99	16 R
31	100	17
32	101	18
33	102	19
34	103	20
1735	104	21
36	105	22
37	106	23
38	107	24
39	108	25
1740	109	26
41	110	27
42	111	28
43	112	29
1744	113	30

Cap. 17.

To finde the Moneth of the Year, Day of the Moneth, and Week wherein any one was born.

Day of ⊙ entrance.	*Numb.*
January.	31 *G*
February.	32
March.	33
April.	34
May.	35
June.	36
July.	37
August.	38
September.	39
October.	40
November.	41
December.	42

Days

Days of the Moneth.	*Numb.*
1	46 *B*
2	47
3	48
4	49
5	50
6	51
7	52
8	53
9	54
10	55
11	56
12	57
13	58
14	59
15	60

Days of the Moneth.	Numb.
16	1 M
17	2
18	3
19	4
20	5
21	6
22	7
23	8
24	9
25	10
26	11
27	12
28	13
29	14
30	15

	Numb.
31	16 *R*
Sunday, ☉ *Sol.*	17
Munday, ☾ *Luna.*	18
Tuesday, ♂ *Mars.*	19
Wednesday, ☿ *Mercury.*	20
Thursday, ♃ *Jupiter.*	21
Friday, ♀ *Venus.*	22
Saturday, ♄ *Saturn.*	23

CAP.

Cap. 18.

To finde the Festival, on which one was Born.

		Numb.
January	1. *Circumcis. of Christ.*	31 ☿
	6. *Epiphany.*	32
Februar.	2. *Purification of the Virgin Mary.*	33
	24. *Matthias.*	34
	Septuagesima.	35
	Sexagesima.	36
	Quinquagesima.	37
	Quadragesima.	38
Marc.	25. *Annunciat. of Mary.*	39
	27. *Init. Reg. Caroli.*	40
April	25. *Mark Evang.*	41
May	1. *Phil. & Jacob.*	42
	Easter day.	43
	Monday.	44
	Tuesday.	45

Ascension

	Numb.
Aſcenſion day.	46 *B*
Whitſunday.	47
Monday.	48
Tueſday.	49
24. *John Baptiſt.*	50
29. *St. Peters.*	51
July 25. *St. James.*	52
Auguſt 1. *Lammas.*	53
5. *Gowries Conſpiracy.*	54
24. *St. Bartholomew.*	55
Septemb. 8. *Nativ. Mary.*	56
21. *Matthew Apoſt.*	57
29. *St. Michael.*	58
Octob. 18. *Luke Evang.*	59
28. *Simon & Jude.*	60

		Numb.	
Novemb. 1.	*All Saints.*	1	*M*
2.	*All Souls.*	2	
5.	*Powder Plot.*	3	
30.	*S. Andrew Apoſt.*	4	
Decemb. 21.	*Thomas Apoſt.*	5	
25.	*Chriſtide.*	6	
26.	*St. Stephens.*	7	
27.	*St. John Evang.*	8	
28.	*Innocents.*	9	

Cap. 19.

Numbers Tranſpoſed, or Varyed.

A.

M.	1.	2.	3.	4.	5.
	6.	7.	8.	9.	10.
	11.	12.	13.	14.	15.
R.	16.	17.	18.	19.	20.
	21.	22.	23.	24.	25.
	26.	27.	28.	29.	30.
G.	31.	32.	33.	34.	35.
	36.	37.	38.	39.	40.
	41.	42.	43.	44.	45.
B.	46.	47.	48.	49.	50.
	51.	52.	53.	54.	55.
	56.	57.	58.	59.	60.

B.

E.	47.	49.	29.	28.	27.
	26.	46.	25.	23.	24.
	22.	21.	20.	19.	48.
D.	54.	37.	36.	35.	34.
	55.	33.	32.	31.	13.
	15.	14.	12.	56.	57.
F.	50.	18.	16.	17.	45.
	43.	44.	53.	42.	41.
	40.	39.	38.	52.	51.
C.	58.	30.	11.	10.	59.
	8.	9.	7.	6.	5.
	4.	3.	2.	1.	60.

C.

E.	55.	56.	54.	53.	58.
	52.	51.	50.	49.	48.
	47.	46.	30.	29.	28.
F.	40.	44.	42.	41.	35.
	60.	39.	38.	37.	36.
	34.	33.	32.	31.	13.
N.	18.	27.	26.	25.	23.
	24.	22.	21.	20.	19.
	17.	16.	59.	45.	43.
D.	12.	15.	14.	57.	11.
	10.	8.	9.	7.	6.
	5.	4.	3.	2.	1.

D.

C.	58.	30.	54.	60.	53.
	52.	51.	50.	49.	48.
	47.	46.	29.	28.	59.
E.	44.	32.	41.	40.	56.
	39.	42.	38.	37.	36.
	35.	34.	33.	31.	13.
F.	26.	18.	25.	23.	24.
	55.	21.	21.	20.	19.
	27.	16.	17.	45.	43.
D.	11.	10.	6.	57.	12.
	8.	7.	5.	4.	3.
	2.	1.	9.	15.	14.

E.

E.	55.	60.	29.	52.	46.
	53.	54.	56.	57.	58.
	50.	59.	30.	28.	51.
F.	40.	44.	42.	41.	39.
	48.	38.	37.	36.	35.
	34.	33.	32.	13.	31.
G.	22.	45.	26.	17.	23.
	24.	47.	21.	20.	19.
	18.	16.	25.	43.	27.
D.	23.	15.	10.	49.	11.
	8.	9.	7.	6.	5.
	4.	3.	2.	1.	14.

F.

D.	54.	46.	56.	50.	57.
	58.	59.	60.	49.	48.
	47.	30.	29.	28.	55.

G.	41.	44.	42.	40.	39.
	38.	52.	37.	36.	35.
	34.	33.	32.	31.	13.

E.	25.	27.	26.	23.	51.
	24.	22.	21.	20.	19.
	18.	17.	45.	43.	16.

H.	3.	2.	4.	12.	11.
	10.	8.	53.	9.	7.
	6.	5.	1.	14.	15.

G.

K.	32.	23.	20.	16.	18.
	19.	21.	34.	22.	33.
	25.	26.	27.	31.	24.
L.	60.	15.	55.	41.	42.
	54.	56.	39.	57.	58.
	59.	13.	40.	14.	12.
I.	35.	53.	46.	48.	28.
	29.	30.	37.	47.	38.
	49.	50.	51.	52.	36.
H.	3.	5.	8.	11.	17.
	1.	2.	4.	43.	6.
	7.	9.	10.	45.	44.

H.

C.	19.	16.	44.	10.	21.
	22.	24.	23.	25.	26.
	27.	28.	29.	30.	18.
D.	36.	60.	42.	45.	41.
	40.	39.	38.	37.	35.
	34.	33.	32.	31.	13.
E.	55.	46.	47.	48.	43.
	49.	50.	51.	52.	53.
	54.	56.	57.	58.	59.
F.	4.	1.	2.	3.	5.
	17.	6.	7.	9.	8.
	10.	11.	12.	14.	15.

F.

F.	40.	39.	41.	42.	44.
	35.	43.	45.	17.	16.
	18.	19.	20.	21.	22.

D.	54.	52.	53.	37.	55.
	56.	58.	59.	60.	34.
	33.	32.	31.	13.	57.

G.	24.	23.	25.	26.	27.
	28.	36.	29.	30.	46.
	47.	48.	49.	50.	51.

H.	3.	1.	2.	4.	5.
	6.	7.	38.	9.	8.
	10.	11.	12.	14.	15.

K.

F.	37.	35.	36.	38.	39.
	31.	40.	41.	42.	44.
	43.	45.	17.	18.	16.
D.	54.	48.	49.	33.	50.
	51.	52.	53.	55.	56.
	57.	58.	59.	60.	13.
G.	22.	19.	20.	21.	24.
	23.	32.	25.	26.	27.
	28.	29.	30.	46.	47.
C.	5.	1.	34.	2.	3.
	4.	6.	7.	9.	8.
	10.	11.	12.	14.	15.

L.

E.	25.	44.	43.	45.	39.
	17.	18.	19.	20.	21.
	22.	24.	23.	26.	16.
G.	33.	56.	57.	58.	59.
	60.	41.	38.	37.	35.
	34.	32.	31.	13.	36.
D.	30.	27.	28.	40.	29.
	46.	47.	48.	49.	50.
	51.	52.	53.	54.	55.
F.	4.	1.	2.	3.	6.
	42.	5.	7.	9.	8.
	10.	11.	12.	15.	14.

M.

N.	18.	34.	20.	4.	31.
	32.	33.	16.	19.	50.
	51.	52.	2.	1.	3.
P.	10.	26.	29.	12.	39.
	40.	41.	42.	25.	27.
	8.	56.	28.	57.	11.
O.	7.	55.	23.	9.	35.
	36.	37.	38.	21.	5.
	22.	24.	54.	6.	53.
Q.	15.	48.	46.	30.	43.
	45.	17.	13.	47.	49.
	58.	59.	60.	14.	44.

N.

D.	34.	35.	18.	2.	36.
	37.	38.	39.	40.	41.
	42.	44.	43.	45.	17.
G.	57.	54.	55.	56.	48.
	49.	4.	51.	52.	53.
	58.	59.	60.	16.	50.
F.	9.	5.	6.	7.	8.
	1.	10.	11.	12.	15.
	13.	32.	31.	33.	14.
C.	19.	30.	3.	20.	21.
	22.	24.	23.	25.	26.
	27.	28.	29.	46.	47.

O.

B.	8.	5.	10.	11.	13.
	14.	15.	13.	31.	32.
	33.	34.	35.	36.	37.

E.	25.	22.	24.	23.	7.
	26.	27.	28.	29.	30.
	46.	47.	48.	49.	50.

G.	38.	39.	40.	41.	42.
	44.	6.	43.	45.	17.
	16.	18.	19.	20.	21.

D.	54.	51.	52.	9.	53.
	55.	56.	57.	58.	59.
	60.	1.	2.	3.	4.

P.

D.	14.	13.	15.	8.	31.
	32.	33.	34.	35.	36.
	37.	38.	39.	40.	41.
F.	26.	27.	28.	29.	30.
	11.	46.	47.	48.	49.
	50.	51.	52.	53.	54.
C.	42.	44.	10.	43.	45.
	17.	16.	18.	19.	20.
	21.	22.	23.	24.	25.
E.	55.	56.	57	58.	12.
	59.	60.	1.	2.	3.
	4.	5.	6.	7.	9.

Q.

G.	33.	32.	34.	35.	36.
	37.	14.	38.	39.	40.
	41.	42.	44.	43.	45.

B.	46.	13.	30.	47.	48.
	49.	50.	51.	52.	53.
	54.	55.	56.	57.	58.

F.	20.	17.	16.	18.	19.
	15.	21.	22.	24.	23.
	25.	26.	27.	28.	29.

I.	59.	60.	31.	1.	6.
	2.	3.	4.	5.	7.
	9.	8.	10.	11.	12.

R.

S.	52.	17.	16.	18.	19.
	47.	48.	49.	50.	51.
	53.	54.	55.	56.	57.

V.	27.	23.	25.	26.	37.
	36.	35.	34.	33.	32.
	31.	13.	15.	14.	12.

T.	21.	20.	22.	58.	59.
	24.	45.	43.	44.	41.
	60.	42.	40.	39.	38.

Z.	29.	28.	30.	11.	10.
	8.	9.	7.	6.	5.
	4.	3.	2.	1.	46.

S.

F.	26.	20.	21.	22.	24.
	17.	23.	25.	27.	28.
	29.	30.	46.	47.	48.
G.	41.	44.	42.	40.	39.
	38.	18.	37.	36.	35.
	34.	33.	32.	31.	13.
D.	54.	49.	50.	16.	51.
	52.	53.	55.	56.	57.
	58.	59.	60.	45.	43.
E.	6.	12.	15.	14.	19.
	11.	10.	8.	9.	7.
	5.	4.	3.	2.	1.

T.

T.

C.	28.	29.	20.	23.	25.
	26.	27.	30.	46.	47.
	48.	49.	50.	51.	52.
E.	13.	44.	42.	41.	22.
	39.	38.	37.	36.	35.
	34.	33.	32.	31.	40.
D.	54.	53.	55.	21.	56.
	57.	58.	59.	60.	19.
	18.	16.	17.	45.	43.
F.	4.	3.	11.	15.	14.
	24.	12.	10.	8.	9.
	7.	6.	5.	1.	2.

V.

B.	46.	23.	28.	29.	30.
	47.	48.	49.	50.	51.
	52.	53.	54.	55.	56.
I.	35.	44.	41.	42.	40.
	39.	38.	37.	26.	36.
	34.	33.	32.	31.	33.
G.	57.	58.	59.	60.	24.
	22.	25.	21.	20.	19.
	18.	43.	16.	45.	17.
D.	14.	15.	12.	27.	11.
	10.	8.	9.	7.	6.
	5.	4.	3.	2.	1.

Z.

C.	58.	60.	28.	59.	47.
	48.	49.	50.	51.	52.
	53.	54.	55.	56.	57.

E.	44.	40.	41.	42.	30.
	39.	38.	37.	36.	35.
	34.	33.	13.	32.	31.

I.	23.	27.	26.	25.	24.
	22.	21.	20.	29.	19.
	18.	43.	16.	17.	45.

B.	8.	46.	15.	14.	12.
	11.	10.	9.	7.	6.
	5.	4.	3.	2.	1.

The Second

BOOK

Of Arithmetical

RECREATIONS.

Cap. I.

Propoſition.

A Number thought and doubled, after certain numbers added, to tell one, without asking any queſtion, the Remains of the work.

Bid one to think a thought, and double the ſame, and then add any one, or many numbers, which may at laſt make an even number, which done, bid him caſt away one half of the

the total, and from the half remaining, to cast away the first thought, one half of the number or numbers added in unto the work will always remain.

Example 1.

Let the thought be	17
Double the same, it is	34
To this add	20
You have in all	54
From which cast away half, and the remains is	27
Cast away the first thought,	17

The remains will be 10, which is the half of twenty, added in to the work.

Example

Example 2.

Let your thought be	150
Double your thought, you have	300
Then add in	* 40
And unto it	* 17
And moreover	* 9

* Which are by your self to be kept in mind, and the last number added must always make the former even, that you may take one half thereof, which will be equal to the remains of your work, &c. (which making 66 half of 66, *viz.* 33 will remain)

The total of the thought doubled, and the 40. and 17. and 9. added in, is 366

Cast away one half of the total, the remains is 183

Cast away the first thought 150

The remains is 33

Which is half of the 66 added in unto the work.

Example

Example 3.

A.

Thought	15
Doubled	30
Numbers added in { 5, 8, 11 }	24
The total is	54
Cast away half, there resteth	27
Cast away your first thought,	15
The remains is	12

B.

Thought	29
Doubled	58
Numbers added in { 10, 12, 18 }	40
The total is	98
Cast away half, there resteth	49
Cast away your first thought	29
The remains is	20

C.

Thought	175
Doubled	350
Numbers added in { 17, 18, 49 }	84
The total is	434
Caſt away half, and there reſteth	217
Caſt away your firſt thought	175
The remains is	42

Under *A* remaineth 12, which is the half of 24, the total of 5. 8. 11. added into the work.

Under *B* reſteth 20. which is half of 10. 12. and 18. or 40. added into the ſecond work.

Under *C* remaineth 42. which is half of 17. 18. 49. or 84. added in unto the third work.

Thus you ſee that what number ſoever may be thought, one half of the number or numbers added into the work, will always remain at laſt.

Cap. 2.

To find out a number thought, or kept in mind.

Proposition 1.

A Thought doubled, and multiplied by 5, if from the product you cut off the figure, or rather the cipher in the first place, the remains on your left hand will be your thought.

Example 1.

Thought	49
49 doubled is	98
98 multiplied by 5, is	490
Cut off the cipher in the first place,	49 (0

49, The remains shall be your thought.

Example

Example 2.

Thought	179
Doubled is	358
Multiplied by 5.	
The product is	1790

Demand the total, which being given, it is 1790. cut off in your mind the Cipher, 179 (0, the remains ſhall be your thought.

A ſecond way to find out a number thought.

Propoſition 2.

A thought doubled, and 5 added thereto, and the total multiplied by 5, if you cut off the figure in the firſt place, and take 2 from the remains, you ſhall at laſt come to your thought.

Example.

The thought is	97
Doubled	194
5 added makes	199
Multiplied by 5, the total is	995

Demand the total, which here is 995, which being given unto you, cut off in your mind the 5 in the first place, it stands thus, 99. take 2 from 99, there resteth 97, your first thought.

A third way to find out a number thought.

Proposition 3.

A thought doubled, and four added thereto, the total hereof multiplied by 5, and 12 added thereunto; If from the total (given unto you) you shall subtract in your mind 32, and cut off the Cipher in the first place, the remains on your left hand will be your thought.

Example

Example.

Thought	377
Doubled	754
4 added makes	758
This multiplied by 5, is	3790
12 added, makes the total	3802
Subtract always	32
Resteth	377(0

Which demanded, and the Cipher cut off, give 377 for your thought.

A fourth way to find out a number thought, the thought being even.

Proposition.

A thought trebled, (it being even) cast away one half, and treble the other half: Look how many times 9 you have in the product, so many times 2 shall be the number of your thought.

Example.

Thought	18
Trebled is	54
Cast away half, then it is	27
This half trebled is	81

Demand the product, or total, which being 81; part the same by 9, your quotient will be 9, which multiplied by 2, giveth the number of your first thought, *viz.* 18.

A fift way to find out an odd number thought.

Proposition.

An odd number being thought, and trebled, the product being also odd, keep one in mind: If you cast away the greater half, and treble the lesser, and divide the product (given you) by 9, the quotient doubled, and an unite added (for the 1 kept in mind) the total will be your first thought.

Example

Example.

Thought is 157
Multiplied by 3.
The product is odd, 471
Caſt away one half, there is 235 $\frac{1}{2}$
Multiplied by 3, it is 705

Demand the product, which being 705, and given unto you, divide the ſame by 9, the Quotient is 78, which multiplied by 2, and an unite added, the product is 157, your thought.

A ſixth way to find out a number thought.

Propoſition.

Treble the number thought, then demand whether it be even or odd: If it be anſwered odd, add an unite, and keep 1 in mind; then caſt away half: treble this half, and demand whether it be even or odd: if it be odd the ſe-

cond time, add an Unit, and keep two in mind: If it be odd both the first and second time, keep three in mind: Cast away one half, then demand the total remaining, every nine in the remains giveth 4 for your thought.

Example.

Thought	29
Trebled is	87
Keep 1 in mind, and add 1.	88
Cast away half, then it is	44
This half trebled is	132
Half whereof is	66

Demand the total, which being given, divide the same by 9, you have for your Quotient 7. which multiplied by 4, and an Unit added, because it was odd the first time, maketh 29 for your thought.

Example

Example 2.

Let your thought be 34
Trebled, you have 102
Demand whether it be even or odd; if even, caſt away half, it is 51
Treble this half, as three times 51 is 153
Demand the ſecond time if it be even or odd: If it be anſwered, odd, add an Unit to make it even, and keep two in mind, it is 154: from which caſt away half, the remains is 77.

Demand the total remaining, which being 77, and given unto you, divide the ſame in your mind, or otherwiſe by help of your pen, the Quotient will be 8. Multiply the ſame by 4, (becauſe every 9 giveth 4) and add thereto 2, becauſe it was odd the ſecond time, the product will be 34, your thought.

A seventh way to find out a number thought.

Proposition.

A thought doubled, and 4 added thereto, and the whole multiplied by 5, and 12 added to this total; if from the same you subtract 32, (every article of the remains, or) one tenth, giveth an unite of the number thought.

Example.

Suppose the thought	85
Double the same it is	170
Add 4 thereto it is	174
Which multiplied by 5, is	870
Add 12 to this product, and it is,	882

Demand what the total is: if it be said, 882, subtract in your mind 32, the remains is 850. then from the remains take one tenth, or cut off a figure, you have 85 for your thought.

An eighth way to find out a number thought.

A thought trebled, and an unite added thereto, if it be odd the first time, (for odd the first time keep one in mind) and the half thereof trebled again: If you divine the product by 9, the Quotient doubled, and an unite added thereto, bringeth forth your first thought.

Example.

Let the number thought be 55
Which trebled is 165
Demand whether it be even or odd, which here is odd, therefore keep one in mind, and bid the party that thinketh to add 1 to the same, which maketh 166: and from the same to cast away half, the rest is 83
Secondly, bid him treble this half, it is 249.

De-

Demand the total, which given is 249. Divide the same in your mind, or otherwise, by 9. the Quotient is 27. Which doubled, and an Unit added thereto, (because it was odd the first time) the total will be 55, your thought.

Example 2.

An even thought,	468
Trebled, it is	1404
Cast away half, it is	702
This half trebled is	2106

The Explanation.

The thought is 468, which trebled is 1404, half whereof is 702. This half 702 being trebled (as before) is 2106.

Demand the total: answer will be made, 2106. Part the same by 9. the Quotient will be 234. which doubled giveth your first thought.

A nineth Way to finde out a number thought.

1. *An odd number.*

Propoſition.

Let a thought be trebled, and if it be odd, an Unit added thereto; and for the Unit added, keep one in your mind; then caſt away one half from the whole, &c.

And ſecondly, treble this half, and if it be odd, add an Unit thereto, keeping two in minde; and caſt away one half from the whole: Demanding the Total or product, which given you, if you part or divide the ſame by 9, the quotient multiplyed by 4, and for odd the firſt time one added to the product, and for odd the ſecond time two added to the product; and for odd both firſt and ſecond time, three being added to the product, the Total at laſt will be your Thought.

Ex-

Example.

Let your thought be an odd number, 235; this trebled is 705: demand if it be even or odd, the answer is odd, put one to it, and keep one in minde, the total is 706: cast away half, the remains is 353.

Secondly, bid the party thinking to treble this half, it is 1059. Demand if it be even or odd, the answer wil be, odd; therefore put one thereto, and keep two in minde, it is 1060, an even number; bid him then to cast away half, the remains is 530.

Demand what the whole comes unto, or how many nines can be given in the same, which being 58, (for ⅑ of 530, is 58, and 8 remaining, which is of no value) multiply in your minde this 58 by 4, and for odd, both first and second time, add in 3, the product will be 235, your first thought.

Example

Example 2. of an even number.

Thought		76
Trebled	228.	Even. 1.
One half is		114
That half trebled is	342.	Even. 2.
One half of that is		171
½ of 171 is		19

19 multiplyed by 4, giveth 76, your first thought.

A tenth Way to finde out a number thought, without asking any question.

Bid one to think a number, and thereto to put one half thereof, which he cannot do (as being odd) let him add the greater half to his thought, and for the same keep 3 in minde, to be subtracted from the whole, or the product, at last.

Secondly, To the former thought, and the half thereof added thereto, let the

the party thinking add one half of the Total again, which if he cannot do, it being odd the second time, keep two in your minde to be at last subtracted, and add the greater half to this Total.

Thirdly, Bid the party to double his first Thought, and take it out of the whole sum, and cast away half, one half from the remains, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 times, or more, until you bring him to an Unit, of which he cannot take half. But when he cannot take half, as of 9; bid him cast away one, and then reject half, it is 4, half of 4 is 2, and half of 2 is 1, an Unit.

To finde the Dividend, or number divided, ascend in your minde after the order of Geometrical Progression, as here:

Divisions. 10. 9. 8. 7. 6. 5. 4. 3. 2. 1.
Progression numbers. 1024. 512. 256. 128. 64. 32. 16. 8. 4. 2.

If

If you take half four times, until you come to an Unit, the number of Progreſsion thus parted by 2 was 16.

For half of 16 is 8, half of 8 is 4, half of 4 is 2, half of 2 is 1.

Note. Multiply this your Dividend by 4, the product ſhall be your Thought.

Exception. But if your Thought was odd, that you could not take half of it at the firſt, ſubtract 3 from this Product, and the reſt will be your Thought.

Finding an odd half the ſecond time, keep 2 in minde to be ſubtracted, as before.

If the firſt and the ſecond time you meet with odd halfs, keep five in minde, to be ſubtracted from the product of your Dividend multiplyed by 4, (as afore is declared) the remains will be your Thought.

Example

Example 1.

Of an odd number thought, wherein falleth out no odd half.

Let the number thought be	64
Half as much added is	32
The total is	96
Half as much added, is	48
The Total is	144
Double the Thought 64, it is	128
Subtract the same from	144
The remains for Dividend is	16
Cast away half, it is	8
Cast away half, it is	4
Cast away half, it is	2
Cast away half, it is	1

Here are four Divisions by 2. or you cast away half four times: therefore reckon the Divisions contrariwise, upwards, and count the first 2, the second 4, the third 8, the fourth 16, &c. so are you fallen upon your number divided, called the Dividend, that is to

say,

say, 16. Multiply in your minde this 16 by 4, the product will be your number thought, *viz.* 64.

Example 2.

Of an odd number thought, wherein is an odd half the first time.

Let the number thought be 37
Add half as much the first time, which because you cannot, keep three in mind, and add the greater half unto it, which is 19
The Total will be 56
Add the second time 28, which added to 56, is in all 84
Double your Thought, and subtract: the Thought doubled is 74
74 subtracted from 84, resteth 10
(This 10 is your Dividend.)

Bid the party that thought cast away half, the remains is 5. Bid him cast away half again; the answer will be he

he cannot: Then bid him caſt away an Unit, and keep one in minde: (this Unit in your minde muſt be added in again in the right and proper place to finde out the Dividend) and after that caſt away half: as half of 4 (one being rejected) is 2. Bid him caſt away half again the third time, and the remains will be 1, an Unit. Now if you bid him caſt away half again, he will anſwer, that he cannot do it, becauſe he is come to an Unit, which being rejected, the remains will be a cipher: now you are to caſt away half but until you come to an Unit.

But when in caſting away half you meet with an odd number before you come to an Unit, keep well in your minde in which of the Diviſions it happened to be odd, whether the firſt, ſecond, third, fourth, or fifth. Here it was in the firſt. For half of 10 was 5; which falling out to be odd, you did neceſſarily caſt away one, and the remains

mains was 4 to divide by 2, or to caſt away half therefrom.

Example.

10. half 10 is 5, odd; reject 1, half 5 is 2; half 2 is 1.

The Diviſions are you ſee 3: therefore aſcend upwards by Geometrical Progreſsion, thus: 2. 5. 10. (and not as before, 2. 4. 8.) otherwiſe you cannot come to the true Dividend, which was 10. Wherefore from 2 proceed in your minde to 4, where falling out formerly odd, add the Unit caſt away, you have 5; which doubled, giveth preciſely your Dividend, 10.

Multiply this Dividend in your mind by 4, the product is 40, from which ſubtract 3 kept in minde at the firſt (becauſe you met with an odd half) the remains will be 37, your Thought.

Example

Example 3.

Of an odd number thought, wherein are odd halfs both times.

Let your thought be 107

Add $\frac{1}{2}$ as much unto it, if you cannot, add the greater half 54, and keep in minde 3: the Total of both is 161

Add half as much unto it, if not, add the greater half 81, and keep in minde 2: The Total of both is 244

Your Thought doubled is 214, which subtracted, resteth 28, the Dividend.

1 Cast away half, there resteth 14

2 Cast away half, there resteth 7

3 Cast away half. Answer, I cannot, because it is odd. I reply, you must cast away an Unit, and then cast away half, it is 3

4 Cast away half: Answer, I cannot. Reply, Cast away 1, and then cast away half, rest 1

The divisions are four. Now because at the two last Divisions you rejected

an

an Unit before you could cast away half, therefore you must add them in again thus, saying in your minde, not 2. 4. 8. 16. &c. but 3, where your Unit is again added in, then 7, where your other Unit is again added in; then 14, and last of all 28; so are you fallen upon the right Dividend. Multiply the same by 4, saying, 4 times 28 is 112. Subtract 3 for the first odd half, and 2 for the second odd half, which 5 you kept in minde for the two odd halfs, and say, 5 from 112, there resteth 107, your thought.

Example 4.

Compare it with Example 1.

Of an even thought, wherein both halfs fall out likewise even.

Suppose the Thought to be	256
Half added, is	128
The Total is	384
Half of 384 is	192

The

The Total 576
Thought doubled 512
Subtracted, resteth 64. your Dividend.
The partitions are 6, all even.
1 Cast away half, it is 32
2 Cast away half, it is 16
3 Cast away half, it is 8
4 Cast away half, it is 4
5 Cast away half, it is 2
6 Cast away half, it is 1
Proceed therefore thus, saying in your minde, 2. 4. 8. 16. 32. 64.
Order of ascent to finde out your Dividend. 1. 2. 3. 4. 5. 6.
Number of Divisions.
The Dividend being found to be 64, multiply the same by 4, it is 256, your Thought.

Example 5.

Of an odd number thought, wherein both the halfs fall out odd.

A number thought, is 15. The greater half added is 8, and keep 3 in minde.

The

The Total is 23
The greater half is 12
Add and keep 2 in minde.
The Total is 35
The Thought doubled is 30
Subtract, rested 5 for *Dividend.*

Cast away half: I cannot; but I cast away an Vnit, the remains is 4. Cast away half of 4, the remains is 2. Cast away half, the remains is 1.

The Partitions or Divisions being two, ascend in your minde thus; 2. 4. Hereunto add the Vnit rejected at the first, you have 5 for your Dividend.

5 Your Dividend multiplyed by 4, giveth 20; from which subtract 3 and 2, which is 5 (because you met with two odd halfs, and added in two greater halfs, and for the first kept three in minde, and for the second 2, which maketh 5) which taken from 20, the remains will be 15, your Thought.

Cap. 3.

Any number being thought, after two multiplications, and two divisions, to tell what number will fall out in the Quotient.

Proposition 1.

A Number thought, and multiplyed by 6; this product divided by 3, the quotient multiplyed by 10, or a cipher added thereunto: If you divide the same by 5, and the quotient hereof divide again by the first Thought, there will always remain the number 4 in your quotient.

Example 1.

The Thought 18. Multiplyed by 6, the product is 108. One third part 36.

10
3
360. 3
55 (72 (4.
28

Example

Example 2.

Thought 397
Multiplyed by 6, is 2382
$\frac{1}{3}$ 794.
$\frac{1}{2}$ is 1588.

32
1588 (4.
397

Proposition 2.

A number multiplyed by 4, and the product hereof divided by 2. This quotient multiplyed by 6, and divided by 4: this quotient parted by the first Thought, giveth in the last quotient the number 3.

Or a number doubled, and six times increased, one fourth of the product parted by the first Thought, giveth 3 in your last quotient, as before.

Example 1.

The Thought is	9
Four times 9, is	36
Half of 36, is	18
Six times 18, is	108
One fourth of 108, is	27

Which divide by 9, your Thought, giveth in the quotient 3.

27 (3.
9

Example 2.

Thought	375
Multiplyed by 4, is	1500
Cast away half	750
750 Multiplyed by 6.	
The product is	4500
One fourth part whereof is	1125

your Dividend, which parted by 375 your Thought, giveth 3 in the quotient.

21
1125 (3.
375

Prope-

Proposition 3.

A Cypher added to a number thought; the Total cut off half, and a Cypher again added thereto, one fifth deducted, and one tenth subtracted from the remains, produceth precisely your first Thought.

Example.

Thought	17
A Cypher added	170
Half deducted	85
A Cypher added	850
One fifth subtracted	170

One tenth of 170 is your Thought.
One tenth of 170 is 17.

Cap. 4.

Gold and Silver being exchanged, or shifted from hand to hand, to divine in which hand is the Gold, and which the Silver.

THe number for Gold, let it be an even number, admit 4.

The number for the Silver, suppose it to be 3, an odd number.

Proposition.

The number of the piece in the right hand multiplyed by 3; and the number of the piece in the left hand multiplyed by 4, let both be added together.

The Total of both being

1 *Even.* 1. The thing of best value is in the right hand.

Resolution. Gold in the right hand.
Silver in the left.

2 *Odd.* 2. The thing of worst value is in the right hand.
Silver in the right hand.
Gold in the left hand.

Cap.

Cap. 5.

TWo names being written in two peeces of paper, and the one being put into the right hand, the other into the left, to tell what name is in the one hand, and what in the other.

Admit the two names to be *John* and *Thomas*; the number for *John* to be 4, and the number for *Thomas* to be 5.

Proposition.

The number of the name in the right hand multiplyed by 3, and the number of the name in the left hand multiplyed by 4: If the Total added be

Resolution.

1 *Even.* *John* in the right hand. *Thomas* in the left.

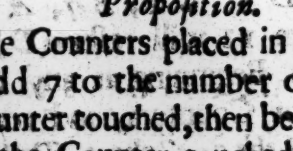
2 *Odd.* *Thomas* in the right hand. *John* in the left.

Cap. 6.

Six Counters or Table-men placed in a Circle, and any one touched, to divine which it was.

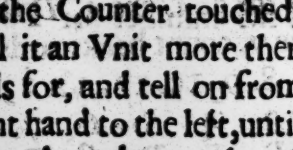
Proposition.

THe Counters placed in order thus, add 7 to the number of the Counter touched, then begin at the Counter touched, and call it an Vnit more then it stands for, and tell on from the right hand to the left, until you come to the total number; where it ends you shall finde the number first touched.



Example.

Admit *D* the fourth Counter to be touched, add 7 to the number of the said Counter, the Total is 11.



Begin at *D*, and count it an Vnit more then it is, tell on by *C. B. A. F. E.* until

until you end with the number 11. you ſhall finde it to fall on *D*, (the number 4) where you began at firſt. You may therefore conclude, that *D* was the Counter touched.

Count *D* 5. *C* 6, *B* 7, *A* 8, *F* 9, *E* 10, then 11 will reſt on *D*, where you began. Beginning at any of theſe 7 Letters or Counters, and reckoning *A* the 2, *B* the 3, *C* the 4, *D* the 5, *E* the 6, *F* the 7, count backwards to the number of 8. 9. 10. 11. 12. 13.

	2.	3.	4.	5.	6.	7.	8.
8	*A.*	*F.*	*E.*	*D.*	*C.*	*B.*	*A.*
	3.	4.	5.	6.	7.	8.	9.
9	*B.*	*A.*	*F.*	*E.*	*D.*	*C.*	*B.*
	4.	5.	6.	7.	8.	9.	10
10	*C.*	*B.*	*A.*	*F.*	*E.*	*D.*	*C.*
	5.	6.	7.	8.	9.	10.	11
11	*D.*	*C.*	*B.*	*A.*	*F.*	*E.*	*D.*
	6.	7.	8.	9.	10.	11.	12.
12	*E.*	*D.*	*C.*	*B.*	*A.*	*F.*	*E.*
	7.	8.	9.	10.	11.	12.	13.
13	*F.*	*E.*	*D.*	*C.*	*B.*	*A.*	*F.*

Cap. 7.

Two persons thinking two numbers, the one an even number, and the other an odd number, to divine and tell who thought the one, and who the other.

Bid the first man to double his Thought, and the second man to treble his, then to add both numbers together. Then bid the one of them cast away half; which if he can do, the Total is even, otherwise odd.

The Total being Even;
1 *Even.* The first man thought odd.
The second man thought even.

The Total being odd,
2 *Odd.* The first man thought even.
The second man thought odd.

Example

Example.

1 *Man.*		2 *Man.*	
Thought	15.		24
Doubled, is	30.	Trebled, is	72

30 and 72 added together, is 102

The Total is even, because half may be cast away.

The Total being Even, the conclusion is, the first man thought odd, and the second man thought even, &c.

1 *Man.*		2 *Man.*	
Thought	34.	Thought	45
Doubled, is	68.	Trebled, is	135

Add 68, and the Total of both is 203

Cast away half. Answer, I cannot.

The Total therefore is odd. The Total being odd, the Conclusion is, the first man thought Even, the second man thought odd.

Four men thinking on four Digit numbers, (which are from 1 to 9) to tell

tell what the first, second, third, and fourth man thought.

This conclusion findeth out any number thought, under 10000.

Four persons standing in rank, admit the first think 8, the second 7, the third 6, and the fourth 5.

Let the first man double the number of his Thought, and add 5 thereto, then multiply the whole by 5, and add 10 to the product, noting the Total.

Bid the second man demand of the first man his total number, which being given him, let him add unto the same his Thought, and give the Total to the third man.

Then bid the third man to affix or set his Thought by the number given him, and put it one place towards the right hand, and give the Total thereof to the fourth man.

Last of all, bid the fourth man set his Thought thereby, a place yet to the right hand, in the first place, and add

the

the number of 25 unto it; that done, demand of him the total number, which being given you, ſubtract out of it 3525 the number remaining will diſcover the four mens thoughts.

The Digit on the left hand ſheweth the firſt mans thought; the next Digit towards the right hand is for the ſecond mans thought; the figure in the ſecond place repreſenteth the third mans thought, and the figure in the firſt place giveth the fourth mans thought.

Example.

1. The firſt mans thought 8, which being doubled is 16, and 5 added thereto is 21, which multiplied by 5 is 105. Whereunto add 10, the whole is 115

2. Secondly, let the ſecond man add in 7 (his thought) it ſtands thus, 122

3. Let the third man ſet his thought a place to the right hand thus, 122. 6

4. Let

4. Let the fourth man place his thought a place yet to the right hand thus: 1226.5

Also bid him add in 25, and it maketh 12290

Demand the total, it is 12290

Which being given you, deduct 3525

The remains will be 8765

Anſ. The firſt man thought 8, the ſecond man thought 7, the third man thought 6, the fourth man 5.

Example.

Firſt mans thought 8

Doubled is 16. and 5 added 21. Multiplied by 5, is 105, and 10 added in is 115

Second mans thought added in is 7

The total is 122

Third and fourth mans thought ſet thereby, 122.6.5

25 Added, makes 12290

Subtract 3525

Particular thoughts, 8.7.6.5

Of the 4 Men, 1.2.3.4.

CAP.

Cap. 8.

A Ring being given to one of a company, to tell who hath it, and upon what hand, finger and joynt.

Rules for Direction.

1. Count the persons in order as they stand, or place them in rank thus; 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. &c.

2 Call the right hand the first, and the left the second hand.

3. Count the thumb the first, the fore-finger the second, the middle-finger the third, the next the fourth, and the little finger the fift, &c. According to that old Verse,

Miles. Mercator. Stultus. Maritus. Amator.

The Right Hand.

Thumb.	1. *Miles.*
Fore-finger.	2. *Mercator.*
Middle-finger.	3. *Stultus.*
Fourth-finger.	4. *Maritus.*
Little-finger.	5. *Amator.*

The

The common maner of wearing the Ring among		Left hand.
1. *Miles.*	*Soldiers.*	F 6.
2. *Mercator.*	*Merchants.*	I 7.
3. *Stultus.*	*Fools.*	N 8.
4. *Maritus.*	*Married men.*	G 9.
5. *Amator.*	*Batchelors, or Lovers.*	E RS. 10.

These numbers from 1 to 5, represent the right hand, and the numbers from 6 to 10 shew the left.

Admit him whom in your order you shall make the fifth person wear the Ring upon his right hand, or first hand, and upon his fore-finger with the Merchant, and the third joynt, (which count from the nayl to the hand, 1. 2. 3.) &c.

First, Bid one that standeth by to double the number of the person, then to add 5 thereto, and multiply the whole by 5, and to the product to add 10 more, as also the number of the hand, 1 for the right hand, and 2 for the left.

Se-

Secondly, Bid him to ſet by this product, the number of the finger, *viz.* in the firſt place.

Thirdly, Bid him to ſet the number of the joynt, one place yet to the right hand, and add thereto the number 25.

Demand the whole number, which being given, deduct out of the ſame 3525, the remains will ſhew the number of the perſon, hand, finger, joynt.

Example 1.

Number of the perſon	5
Doubled, is	10
5 Added, is	15
Multiplied by 5, makes	75
10 Added thereto, is	85
An Unit added for the right hand	86

The number of the finger affixed, 86. 2 the fore-finger. The number of the joynt adjoyned, 862. 3 joynt: 25 added thereto makes the total number, 8648.

De-

Demand the total, which being 8648, and given unto you, deduct 3525, the remains will be 5 1 2 3

P. H. F. I.

5 Represents the number of the person. Person 5.
1 Gives the right hand. Hand 1.
2 Sheweth the fore-finger. Finger 2.
3 Determineth of the joynt. Joynt 3.

Or thus:

P. H. F. I.
5. 1. 2. 3.

Set down the number of the person under *P*, of the hand under *H*, of the finger under *F*, of the joynt under *I*; as here 5123 multiplied by 2, add 5 thereto, then multiply by 5.

Demand the product, which given you, cut off the figure in the first place, and take 2 out of the rest, there remaineth as before, 5 1 2 3.

Example

Example 2.

R. W. hath a Ring on the fourth finger of his right hand, termed *Maritus*, the married mans finger, and is upon the third joynt next the hand, *R. W.* being the sixth person in rank.

Person,	6
Doubled,	12
5 Added	17
17 Multiplied by 5, the product	85
The finger added being	4
Maketh the total	89

To which affix or set down the joynt thus, 89. 3. joynt 3.

Demand the total, which being 893, deduct 250, the remains is 643.

6 Sheweth the number of the person; 4 of the finger, and 3 of the joynt.

893
250
643

Answer. The sixth person weareth the Ring upon his fourth finger, and third joynt.

Example

Example 3.

Admit the 25 person hath the Ring upon his tenth finger (which is *Amator*) the little finger of his left hand, and the first joynt.

Person	25
Doubled	50
5 Added	55
Multiplied by 5, the product	275
The 10 finger, 285. 1 joynt.	
Subtract 250, the remains	2601

1 In the first place sheweth the first joynt; 0 in the second place, with 1 subtracted from the 6 following, giveth 10 for the finger, which must needs be the fifth finger of the left hand, *Amator*, the Batchelors, or Lovers finger. 25 the remains, giveth you the number of the person.

P. Person. *F.* Finger. *J.* Joynt.

2 6 0 1.

1

25 | 10. 1.

P. F. J.

Cap. 9.

Three things being given to three persons, and exchanged, to tell which of the persons hath the first thing, the second, and the third.

1. ADmit the things to be exchanged to be a twenty shillings Peece, an Angel, and a Crown.

2. Consider the order of the persons which you mean to be the first, second, and the third person.

3. Represent the persons by the order of the vowels, *A. E. I.* The first person is *A*, the second is *E*, the third person is *I*. Admit *A* to have 20. s. *E* to have 10. s. *I* to have 5. s.

4. Prepare 24 Counters, tokens, or stones; give 1 Counter to the first person, represented by *A*, 2 counters to the second person, represented by *E*; and 3 Counters to the third person, represented by *I*: so have you distributed six

Coun-

Counters, which you must bid them to keep in their hands, and not exchange them at all. Leave the rest of the Counters, which are 18, upon the table.

Bid the 3 persons to exchange their coyns of gold, but not their Counters; that done, say thus; Let him that hath now the 20. s. peece take up out of the 18 Counters remaining on the table as many more Counters as he hath in his hand, and say to him that now hath the second thing, namely the angel, or 10. s. peece, that he take up 2 Counters for every one which he hath in his hand; and that he who now hath the third thing (represented by 1) take up 4 for every one which he hath: This done, you shall find one of these 6 numbers always to remain, 1. 2. 3. 5. 6. 7. never 4, nor more then 7, &c. The first man to take up 1 for 1; the second man to take up 2 for 1; the third man to take up 4 for 1.

If 1 Counter remain, the things remain

main as at the first, and are not exchanged.

After the work is done, cause the Counters remaining to be left on the table, which you may tell only with a glance of your eye, or take into your hand.

1. The Counters remaining are 1. 2. 3. 5. 6. 7. First 1, whose word is *Angeli*, where the order of the vowels is *A. E. I.* all 3 in their right places, as 1 man 20. s. the 2 man 10. s. the 3 man 5 shillings.

The word for 2 Counters is *Beati*, where the vowels run thus, *B, A, I.* The first man hath *E*, the second thing, 10. s. The second man hath *A*, the first thing, 20. s. The third man hath *I*, his own thing, 5. s.

The word for 3 Counters remaining is *Pariter*, the order of the vowels being *A. I. E.* The first man hath *A*, his 20. s. peece: The second man hath *I*, the third thing, which is 5. s. The third man

man hath *E*, the second thing, *viz.* the 10. s. peece.

5. The word for 5 Counters remaining is *Elias*, the vowels being *E. I. A.* The first man hath *E*, the 10. s. peece. The second man hath *I*, the 5. s. peece. The third man hath *A*, the 20. s. peece.

6. The word for 6 Counters remaining is *Israel*, the vowels being *I. A. E.* The first man hath *I*, the 5. s. peece. The second man hath *A*, the 20. s. peece. The third man hath *E*, the 10. s. peece.

7. The word for 7 Counters remaining is *Pietas*, the vowels being *I. E. A.* The first man hath *I*, the 5. s. peece. The second man hath *E*, the 10. s. peece. The third man hath *A*, the 20. s. peece.

Example

Example.

C. *Counters*, P. *Persons*, W. *Words*, V. *Vowels*.

C.	P.	W.	V.
1.	1.	*An*	A.
	2.	*ge*	E.
	3.	*li*	I.
2.	1.	*Be*	E.
	2.	*a*	A.
	3.	*ti*	I.
3.	1.	*Pa*	A.
	2.	*ri*	I.
	3.	*ter*	E.
5.	1.	*E*	E.
	2.	*li*	I.
	3.	*as*	A.
6.	1.	*If*	I.
	2.	*ra*	A.
	3.	*el*	E.
7.	1.	*Pi*	I.
	2.	*e*	E.
	3.	*tas.*	A.

Counters remaining.

Cap. 10.

Three men exchanging their names one with another, to tell every one his name.

ADmit *Robert* the first man.
Thomas the second man.
William the third man.

Represent *Robert* the first man by *A.*
Thomas the second by *E.*
William the third man by *I.*

Give *Robert* one Counter.
Thomas two Counters.
William three Counters.
The rest are 18 upon the table.

Bid *Robert, Thomas, William* change their names, but not the Counters.

Reb. 1. *Man.* Let him that is now *Robert* take from the table as many more Counters as he hath, that is, 1 for 1.

Thom.

Thom. 2 *Man.* Let him that is now *Thomas* take two Counters for every one which he hath, 2 for 1.

Will. 3 *Man.* Let him that is now *William* take four Counters for every one which he hath, 4 for 1.

Demand how many Counters remain. If it be answered, 5. Repeat the words, *Angeli*, 1. *Beati*, 2. *Pariter*, 3. *Elias*, 5. (as in the former Table.)

By the order of the vowels, *Elias*, being *E. I. A.* The first man is now *Thomas*, signified by *E.* The second man is now *William*, signified by *I.* The third man is now *Robert*, signified by *A.*

Cap. 11.

To place the 9 Digits in such wise, as every three of them may make 15 eight several Ways.

MAke 9 pricks by 3 in rank, and 3 in file. Take $\frac{1}{3}$ of 15, and place it in the middest, 4 in the right corner above, and 3 in the middest above. These three numbers thus placed will make all the rest.

.	3	4
.	5	.
.	.	.

Example.

4 and 3 is 7, and 8 maketh 15: place 8 against 4 and 3, in the left angle or corner.

4 and 5 is 9, and 6 maketh 15: place 6 against 4 and 5, in the left corner beneath.

8	3	4
1	5	9
6	7	2

8 and

8 and 5 is 13, and 2 is 15: place 2 againſt 8 and 5 in the right corner beneath.

8 and 6 is 14, and 1 maketh 15: place one between 8 and 6.

3 and 5 is 8, and 7 maketh 15: place 7 under 3 and 5.

4 and 2 is 6, and 9 maketh 15: place 9 on the right ſide, in the middeſt between 4 and 2.

Thus have you made 15 eight ways of nine Numbers.

Fifteen 8 ways of the 9 Digits.
The 8 Variations.

8 3 4. 1 5 9. 6 7 2. *Rank or breſt.*

8 1 6. 3 5 7. 4 9 2. *File or backward*

Croſſwiſe.

8 4

8 5 2 5 6 5 4

6 2

CAP. 12.

Three numbers being given, 20. 24. and 28. to make a ſquare of them, 9 in a Rank.

A General having gotten a Noble man Priſoner, commanded a Guard of 9 Souldiers in a Squadron to wait upon his perſon, as here:

The firſt Square of 24 Men.

3	3	3
3	O	3
3	3	3

The 1 figure

How four being deducted, with 20 men to make the like figure of 9 in rank, and 9 in file.

Four of this Guard deſire leave of their General to be abſent for a few days; whereupon the General replyed, That unleſs they could make 9 men

ſtill in a rank to ſafe-guard the Priſoner, they could have no leave granted unto them. If that be all, we ſhall (ſaid theſe 24 Souldiers) leave a ſufficient Guard of 9 in a rank. They placed the reſidue (20 in number) thus, as in this ſecond figure.

The ſecond Square of 20 Men.

4 1 4

1 O 1

4 1 4

How 8 men being added in unto the former figure, with 28 men to make only a Square of 9 men in Rank, and 9 men in File, as before.

Over a few days theſe 4 Souldiers returned; and as they travelled, met with other 4. which lacking ſervice, deſired them to be a means unto their General that they might be admitted into fellowſhip and ſervice with them.

They replyed, That their General had a Squadron of 9 men already, and they being 4 more might only be admitted; but 4 more (as these strangers made) could not come within the Squadron. The 4 strange Souldiers ranked themselves with the 24 thus, and so were admitted.

The third Square of 28 *Men.*

2	5	2
5	O	5
2	5	2

Cap. 13.

Thirty men being placed in a Circle, 15 of one kind, and 15 of another, to save the one half, and reject the other, casting away every ninth Number.

SUppose 30 Malefactors are to be executed for Piracy, 15 Christians, and 15 Turks, and the Sheriff hath power to save one half, but must execute every ninth man.

Quest.

Quæst. How shall he place them in such order and rank, as that he may execute the Turks, and preserve alive the Christians?

Answ. By the order of the five Vowels in this Latin Verse:

Populeam virgã mater regina tenebat.

Vowels	*a.*	*e.*	*i.*	*o.*	*u.*
Order of the Vowels	1	2	3	4	5

Those whom he would save he must begin with, and rank them thus:

To cast away every ninth Number.

Po	4	Christians.
pu	5	Turks.
le	2	Christians.
am	1	Turk.
Vir	3	Christians.
gam	1	Turk.
Ma	1	Christian.
ter	2	Turks.
Re	2	Christians.
gi	3	Turks.
na	1	Christian.
Te	2	Turks.
ne	2	Christians.
bat.	1	Turk.

the Character of the Christians.
the Character of the Turks.

Their order, or manner of Ranking.

| | | |

by every tenth number, beginning with the Apples, make use of the Verse following.

Rex	2	oo	Apples.
Pa	1	I	Shells.
phi	3	ooo	Apples.
cum	5	IIIII	Shells.
Gen	2	oo	Apples.
te	2	II	Shells.
Bo	4	oooo	Apples.
na	1	I	Shells.
dat	1	o	Apples.
Sig	3	III	Shells.
na	1	o	Apples.
Se	2	II	Shells.
re	2	oo	Apples.
na.	1	I	Shells.

Every tenth rejected, 15 remain, that is to say, the 15 Apples, represented by the 15 Ciphers; as followeth:

oo. X. ooo. IIIII. oo. II.
oooo. X. o. III. o. II. oo. X.

CAP.

Cap. 14.

How with three Pots, of 8. 5. 3. Pints, to part 8 Pints of Wine into two equal parts.

Pots	A.	B.	C.
Pints	8.	5.	3.

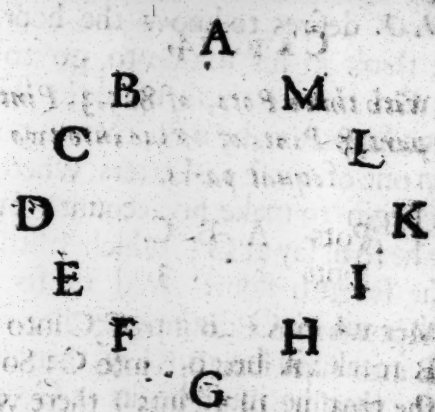
EMpty A into B, B into C, C into A, B into C, A into B, B into C: So in B (the measure of 5 Pints) there will remain 4 Pints.

Then empty C into A, and C will have nothing, but A will likewise have 4 Pints.

Cap. 15.

To find out the hour any one should think in his mind either to rise, or to go to rest.

This-



THis Circle divided into 12 equal parts, by the Letters *A*, *B*, *C*, *D*, *E*, *F*, *G*, *H*, *I*, *K*, *L*, *M*, signifieth, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, the hours of the Artificial Day, from Sun-rising to Sun-setting; also the twelve hours of the Day, and the 12 hours of the Night, the Natural Day.

A, signifieth 1 a clock, B, 2 a clock, C, 3 of the clock, G, 7 of the clock, H, 8 of the clock, and M, 12 of the clock.

N. O. desires to know the hour he shall think in his minde to go to his rest. Bid him to think upon the hour, which suppose to be a 11, then to point upon one of these 12 Letters, where he will begin to make his account; Suppose he shall say at G; which from A, is the seventh hour. Add 13 to the number which G doth represent, *viz.* 7, the total will be 20. Say then unto *N. O.* that he must begin at G, and tell from G towards A, reckoning round about until he rest upon the number of 20, calling G the number next to that he thinks in his minde to take his rest; *viz.* 12, F 13, E 14, D 15, C 16, B 17, A 18, M 19, L 20. 20 ending at L, and L representing the 11 hour, you may safely conclude that *N. O.* thought to take his rest at 11 of the clock at night.

Letters representing the 12 Hours of Day and Night.

Letters.	Hours represented.	Numbers to reckon unto.	
A	1	14	Beginning to count
B	2	15	from *A* to *M*, and
C	3	16	from 1 to 12, Tell on
D	4	17	from the right hand
E	5	18	towards the left, from
F	6	19	*K* to *G*, from *G* to *A*,
G	7	20	*M*, *L*, *K*, &c.
H	8	21	Resting at these
I	9	22	Numbers (from 14
K	10	23	to 25.) you shall by
L	11	24	the Letter which you
M	12	25	rest on, finde the hour

of Day or Night, which it representeth in this Table, under the title of Hours represented.

Example.

Ending on *A*, the first hour was thought upon: ending on *B*, the second hour: ending on *C*, and reckoning 16, from your thought, you shall fall on a Letter between *A* and *M*, which suppose *I*, it represents 9 in the Table,

K 10 of the clock, *L* 11 of the clock, and *M* 12 of the clock, &c.

Cap. 16.

Magnetical Experiments.

How by the Magnet, or Loadstone, to give vertue to a Knife to take up a Needle.

WHet or glase the Knife to make it clean and bright, to receive the vertue of the stone, which being capped, draw your Knife softly on the North Cap (which is the strongest) from the Haft to the Point, on both sides thereof, as also on the back and edg, it hath drawn vertue and efficacy from the Magnet; so that if you lay a Needle to the point of your Knife, or cast it into a glass or cup of any liquor, it will *demonstrate* the *attractive power* thereof, by holding it at the point, like a new Lover that is loath to depart.

To

To take away the attractive vertue from any Knife touched with the Magnet.

Cut Onyons or Garlick therewith: Or thruſt the Knife upon the point of the ſtone that is contrary to that which it was touched withall: as if the North cap gave vertue, the South cap or end will take it away: or if the South firſt gave vertue, the North point will take it off again, by ſliding your Knife ſoftly upon the contrary cap, from the point of the Knife towards the haft, &c.

To make a Needle of a Sun-Dyal to fly up and down circularly.

Hold the Sun-Dyal or Compaſs level with the Horizon, apply the North or South point to the Sun-Dyal, holding it over the ſame: as you move your hand round, ſo will the Needle follow

how the Loadstone in your hand.

Apply the South end of your stone to the Needle of the Sun-Dyal, touched with the North point, and it will fly away: so the North end of the stone will make the South end of the Needle to shift it self from the touch or embracement thereof.

How by help of the Magnet to cause two Knives to turn round upon the point of a Needle, or sharp Bodkin.

Prepare two Knives somewhat neer of an equal weight, that the one may counterpoyze the other: cut a small stick, about an inch and half in length, and make the one end blunt, and the other sharp, or small at the point, and four-square; fasten one of your Knives points in the blunt end of your stick, and fasten the other in like manner in the opposite or contrary side, and put the hafts of your Knives so far in, as by

putting the ſharp end of the ſtick on a Needles point, or Bodkin, your Knives being poyzed, cannot fall.

Put them inward or outward, until by practiſe you ſhall perceive them to incline almoſt to a level with the Horizon: for then are they apteſt by vertue of the Magnets vertue to be drawn about upon their center, the Needle. If you keep the Magnet within your Handkerchiff in your hand, ſo that it do not appear, the experiment will ſeem the more illuſtrious and rare.

When the Knives are thus fixed to the ſides of the ſtick, you may put the point of the ſharp end of the ſtick on the brim of a Glaſs full of Beer, or wine, and the Knives will not fall, or fail to ſhew you a Concluſion ſomewhat ſtrange.

To make two Needles run at Tilt in a Baſon of Water.

Cut two ſmall Corks four-ſquare, about

bout the thickness of a quill, thrust the first Needle through the one, and the second Needle through the other Cork; and let both Corks be alike: Touch the point of one Needle with the North end of the Loadstone, and the other Needles point with the South end of the stone: cast them (thus touched by the Magnet) into the Bason of water, they will, though slowly at the first, march on somewhat furiously at the last, and most exactly strike point against point.

Cap. 17.

To cause three Knives, being placed triangular-wise, to bear up a Glass full of water or wine, so that never a point of the 3 Knives shall touch the table, nor the glass fall, or totter.

1. TAke up one Knife in your left hand, with the edg towards your right.

2. Take

2. Take up another in your right hand with the edg toward the left, holding with your left hand them both immoveable.

3. Take up the third Knife in your right hand, with the point towards you, and the edg directed to the left hand.

4. Let the first Knife rest upon this third, and this third be above the second, resting upon the same; the three Knives thus placed, will represent a Triangle. Place the glass of liquor upon them, they will stand firmly, the hafts being not to be lifted up by the weight of your hand on the points of the Knives.

Cap. 18.

To cause water (contrary to the nature thereof) to ascend.

PRepare a Bason with a pynt of water in it, or thereabouts, then take up

an earthen Pot or Jug with a round belly (fittest for this service) and light a peece of paper, cast it into the Jug flaming, then turn quickly the mouth of the Jug downward, and set it on the midst of the Bason of water; it will suck up all the water, if it be not more then it can receive and contain within the belly thereof.

Cap. 19.

To carry a Jug or earthen Pot, sticking without any thing unto the palm of your hand.

TAke a peece of paper, set it on fire, and cast it flaming into the mouth of the Jug, presently clap the palm of your hand on the mouth of the said Jug or Pot, not hollow, but plain and smooth; the Jug will not fall from your hand, but you may walk many paces, and carry the same sticking unto the

the palm of your hand, unleſs by vio-lence you pluck it away.

CAP. 20.

To break a ſtick placed on the brims of two glaſſes, and not break the glaſſes.

PLace the glaſſes on a ſmooth ſtone of an equal height, and put the ſtick upon them; then take a batton or cud-gel, and therewith ſtrike upon the midſt of the ſtick perpendicularly, or down-right: ſo may you break the ſtick, and not hurt the glaſſes.

CAP. 21.

Secrets of Writing, &c.

How Letters written in paper are only apparent by caſting duſt thereon.

DIſſolve Goats fat with a little gum of the Turpentine tree, rub the paper

paper with this liquor, and wash it over, and so keep it a while; then when you will declare your minde therein unto any one, put the paper (washed over with this fat) on the Table, take a sharp peece of Iron or steel, or a pen made thereof, and write your minde in letters and words on the back-side of the paper, the signs or letters of fat will be imprinted on the Table: send this, which being intercepted, will neither by fire nor water be visible, but by casting thereon the dust of the Earth, &c.

To make White Letters to appear on a black peece of paper.

Beat both the yolk and white of an Egg well together, until it be liquid like writing Ink, write your minde therewith on paper, suffering it to dry; then wash over your paper with some black colour, such as Printers Ink is, and put it by until both be dry. Then take your

your Knife and scrape over the superficies of the paper, the letters formerly written will come forth, and whites appear in their room.

To write in parchment, and the letters not to be seen, &c.

As soon as you have written in parchment, hold it to a candle, or the heat of the fire, and it will shrivel together, and run into it self in such wise, as not a word scarce can be read: when you would have it legible, put it in a wet or moyst place, or sprinkle it gently with water, and it will extend in length again.

To write Letters, or Characters, that will soon vanish.

Take *aquavitæ*, and Charcole, or the gum of Camphire burnt to a coal, and write therewith, the powder of a

Touchstone will rub it clean out.

3. Take thin filings of steel, and bring them to powder, grinding upon a Marble stone with *aquafortis*, whereunto add a little liquid pitch, or the gum of the Turpentine Tree burnt to powder, to make it the more black, write herewith, and in time it will vanish and go out.

How invisible Letters over a While will be visible.

Write on Copper with the juice of an Orenge, over a while the Letters will appear green.

To get out and deface the writings or blots upon parchment.

Take a pensil and wash the place or the parchment with *aquafortis*, and the Ink will come out.

To make an old writing appear fair.

Take galls and boyl them in wine, and wash the writing therewith.

To take the impression of any Seal.

Melt a little Brimstone, casting in some Ceruse or white Lead, put this mixture on the Seal, strengthening it with a small peece of paper, a little bigger then the impression is; being cold, take it off, and you shall finde the print of the Seal thereon.

How to write a Letter secretly, that cannot easily be discovered or suspected.

1. Write your minde at large on one side of the paper with common Ink, and on the other side with milk, that which you would have secret; and

when you would make the same legible, hold that side which is written with Ink to the fire, and the milky letters will shew blewish on the other side.

2. Rule two papers of one bignes with lines of an equal distance, make the one full of glass-windows, through which you must write your minde upon the second paper, then fill up the spaces with some other words at your pleasure: but if all were made to hang together in good sence, it would carry the less suspicion. Each friend must have one of these cut papers to read all such Letters, for without the paper it will trouble a good Decipherer to read the Letter.

CAP. 22.

Of Pythagoras Schollars.

PYthagoras being asked what number of Schollars he had, answered, That half of them studied Mathematicks, the fourth part Physick, the seventh part Rhetorick, and besides he had 3 women: Now judg you, saith he, how many Schollars I have.

Answer.

He had in all 28, the half of which is 14, the quarter of which is 7, and the seventh part of which is 4: which 14, 7 and 4 makes 25, and the other 3, to make up the 28, were the 3 women.

Of the Mule and the Ass.

IT happened, that the Mule and the Ass upon a day making a voyage, each of them carried a barrel full of Wine: Now the lazy Ass felt her self overloaden, complained and bowed under her burthen; which the Mule seeing, said unto her, being angry (for it was in the time when beasts spake) Thou great Ass, wherefore complainest thou? If I had but only one measure of that which thou carriest, I should be loaden twice as much as thou art; and if I should give a measure of my loading to thee, yet my burthen would be as much as thine. Now how many measures did each of them carry?

Answer.

The Mule did carry 7 measures, and the Ass 5 measures: for if the Mule had one of the measures of the Asses loading, then the Mule would have 8 mea-

measures, which is double to 4; and giving one to the Ass, each of them would have equal burthens, to wit, 6 measures a peece.

Of the Dyal upon the fingers of the hand.

IS it not a commodity very agreeable, when one is in the field, or in some Village, without any other Dyal, to see only by the hand what of the clock it is, which gives it very neer, and may be practised by the left hand in this manner.

Take a straw, or like thing, of the length of the Index, or the second finger, hold this straw very right between the thumb and the right finger, then stretch forth the hand, and turn your back and the palm of your hand towards the Sun, so that the shadow of

the muscle which is under the thumb touch the line of life, which is between the middle of the two other great lines, which is seen in the palm of the hand; this done, the end of the shadow will shew what of the clock it is: for at the end of the great finger it is 7 in the morning, or 5 in the evening; at the end of the ring finger it is 8 in the morning, or 4 in the evening; at the end of the little finger, or first joynt it is 9 in the morning, or 3 in the afternoon; 10 and 2 at the second joynt, 11 and 1 at the third joynt, and midday in the line following, which comes from the end of the Index.

Of three Women that sold Apples.

THree Women, *A*, *B*, *C*, carryed Apples to a Market to sell; *A* had 20, *B* 30, and *C* 40; they sold as many for

for a peny the one as the other, and brought home one as much mony as another, how could this be?

The Answer to the Problem is easie; as suppose at the beginning of the market *A* sold her Apples at 1 peny an Apple, and sold but 2, which was 2 pence, and so she had 18 left: but *B* sold 17, which was 17 pence, and so had 13 left; *C* sold 32, which was 32 pence, and so had 8 Apples left: Then *A* said she would not sell her Apples so cheap, but would sell them for 3 pence a peece, which she did, and so her Apples came to 54 pence; and *B* having left but 13 Apples, sold them at the same rate, which came to 39 pence: And lastly, *C* had but 8 Apples, which at the same rate came to 24 pence. These sums of mony which each others before received come to 56 pence, and so much each one received, and so consequently brought home one as much as another.

Of three Men that bought Wine.

THree men bought a quantity of Wine, each payd alike, and each was to have alike; it happened at the laſt partition that there was 21 barrels, of which 7 were full, 7 half full, and 7 empty: how muſt they ſhare the wine and veſſels, that each have as many veſſels one as another, and as much wine one as another?

This may be anſwered two ways, as followeth, and theſe numbers, 2, 2, 3, or 3, 3, 1, may ſerve for direction, and ſignifies that the firſt perſon ought to have 5 barrels full, and as many empty ones, and one which is half full, ſo he ſhall have 7 veſſels, and 3 barrels and a half of liquor; and one of the other ſhall in like manner have as much, ſo there will remain for the third man 1 barrel full, 5 which are half full, and 1 empty, and ſo every one ſhall have alike

both

both in veſſels and wine. And generally to anſwer ſuch Queſtions, divide the number of veſſels by the number of perſons, and if the Quotient be not an entire number, the Queſtion is impoſſible; but when it is an entire number, there muſt be made as many parts as there are 3 perſons, ſeeing that each part then the half of the ſaid Quotient; as dividing 21 by 3, there comes 7 for the Quotient, which may be parted in theſe 3 parts, 2,2,3, or 3,3,1, each of which being leſs then half of 7.

How to make Water in a glaſs ſeem to boyl and ſparkle.

TAke a glaſs near full of water, or other liquor, and ſetting one hand upon the foot of it to hold it faſt, turn ſlightly one of the fingers of your other hand upon the brim, or edg of the glaſs, having

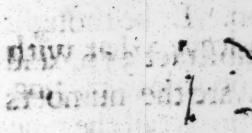
having before privately wet your finger, and so passing softly on with your finger in pressing a little: for then first the glass will begin to make a noise: secondly, the parts of the glass will sensibly appear to tremble, with notable rarification, and condensation: thirdly, the water will shake, seem to boyl: fourthly, it will cast it self out of the glass, and leap out by small drops, with great astonishment to the standers by, if they be ignorant of the cause of it, which is only in the rarification of the parts of the glass, occasioned by the motion and pressure of the finger.

Of the Play at Nine Pins.

YOu will scarce beleeve, that with one Boul, and at one blow, playing freely, one may strike down all the nine Pins at once: yet from Mathematical Prin-

Principles it is eaſie to be demonſtrated, that if the hand of him that plays was ſo well aſſured by experience, as reaſon induceth one thereto, one might at one blow ſtrike down all the nine Pins, or at leaſt 7 or 8, or ſuch a number as one pleaſeth.

For they are but 9 in all, diſpoſed or placed in a perfect ſquare, having three every way: Let us ſuppoſe then that a good Player beginning to play at 1, ſomewhat low, ſhould ſo ſtrike it, that it ſhould ſtrike down the Pins 2 and 5, and theſe might in their violence ſtrike down the Pins 3, 6 and 9, and the Bowl being in motion may ſtrike down the Pins 4 and 7, which 4 Pin may ſtrike the Pin 8, and ſo all the nine Pins may be ſtriken down at once.



Any

Any Numbers under 10 *being thought upon, to finde what Numbers they were.*

LEt the first number be doubled, and unto it add 5, and multiply that sum by 5, and add to it 10, and the next number thought upon: Multiply this same again by 10, and add to it the next number, and so proceed.

Now if the last sum be told, mark if one number was thought upon, then substract 35 from it, and the first figure in the place of Tens is the Number thought upon. If he thought upon two figures, then substract 35 also, and the 2 also, the said 35 from the last sum, and the two figures that remain are the numbers thought upon. If he thought upon 3 figures, then substract 350, and then the 3 first figures are the numbers thought upon, &c.

Example

Example.

If one thought upon these figures, 5. 7. 9. 6.

Double the first, which is 5, and it makes 10, to which add 5, it makes 15; This 15 multiplyed by 5, makes 75. To this 75 add 10, it makes 85. To this 85 add the next number, *viz.* 7, it makes 92. This 92 multiplyed by 10, makes 920, to which add the next figure, *viz.* 9, it makes 929. This multiplyed by 10, makes 9290. To which add 6, being the last number, it makes 9296. From which substract 3500, and there resteth 5796, the four numbers thought upon.

Now because in the figures 9296, the two last numbers are like the two thought upon; to avoyd suspicion bid him add 12, or any number to it, and then it will not be so open: As for example, the 12 being added to 9296, it makes 9308; from which if you substract

ſtract 3512, there will remain 5796, the four figures thought upon, as before.

How many Changes in Bells may be eaſily told.

SEt down 1, and under 1 ſet down 2; Then multiply 1 by 2, it is 2; that is 2 Changes in two Bells: Then ſet down 3 under 2, and multiply 2 by 3, it is 6: So there is 6 Changes in 3 Bells. Do thus:

1
2
3
6
4
24

Then put down 4 under 6, thus: Multiply 6 by 4, and it is 24.

So there is 24 Changes in 4 Bells.

120 Changes in 5 Bells.

720 in 6 Bells.

5040 in 7 Bells.

40320

40320 in 8 Bells.
362880 in 9 Bells.
3628800 in 10 Bells.

The Changes in 3 Bells ſtand thus.

1	2	3	Here is 6 Changes in three Bells.
1	3	2	
2	1	3	
2	3	1	
3	1	2	
3	2	1	

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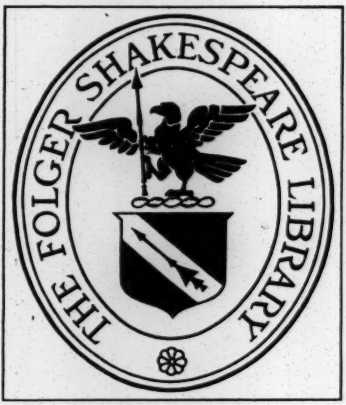

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